CONSTRUCTION NEWS

Engineering News-Record, Aug. 27, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Railway, North Carolina, Seaboard Air Line, Norfolk, Va., plans 156 mi. double track, $10,900,000.

Railway, North Carolina, Northern Ry. Co., Charlotte, plans 80 mi. extension, $10,000,000.

Irrigation, Cotulla, Tex., LaSalle Co., plans bond election for irrigation system, $7,000,000.

Office, New York, N. Y., Henco Realty Co. plans building, $6,000,000.

Railway, Kansas and Texas, Chicago, Rock Island & Pacific Railroad plans 145 mi., $4,000,000.

Toll bridge, Florida, Durrance Toll Bridge Co., Inc., plans bridge over Old Tampa Bay, $4,000,000.

Apartment Hotel, Brookline, Mass., Phibos Corp., having plans prepared, $3,500,000.

Office and warehouse, Detroit, Mich., Coe Terminal Warehouse, plans building, $3,000,000.

Apartment, New York, N. Y., J. Golding having plans prepared, $3,000,000.

Electric plant, New Braunfels, Tex., Comal Power Co., plans plant, $3,000,000.

Bids Wanted On Big Jobs

Apartment, Chicago, Ill., Sept. 15, by J. Hunt, Archt., $2,500,000.

Hotel, Boston, Mass., C. H. Blackwell taking bids, $2,000,000.

High School, Rockford, Ill., Sept. 11, by Bd. of Educ., $1,000,000.

Office, New York, N. Y., Ewing, Bacon & Henry soon takes bids, $1,000,000.

Large Contracts Let During Week

Subway, Philadelphia, Pa., Dept. City Transit to Patrick McGovern, Inc., $11,498,032.

Subway, New York, N. Y., Bd. of Transportation to Rodgers & Hagerty, Inc., $4,300,000.

Office, Houston, Tex., Esperson Estate to American Constr. Co., $2,250,000.

Gas Pipe Line, Texas, Seagraves & Moody Gas Co. by day labor, $2,000,000.

Apartment, New York, N. Y., S. & L. Building Corp., will build by day labor, $1,600,000.

Reservoir, St. Louis, Mo., Bd. Pub. Service to Frazier-Davis Constr. Co., $1,160,808.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

N. J., Montvale—Making plans water supply system. H. J. Harder, 129 Market St., Paterson, engr.

La., Kenner—Election Sept. 15, $100,000 bonds, waterworks, sewers, etc. in various streets. H. Mentz, Hammond, engr.

Tenn., Clinton—Voted $105,000 bonds for waterworks. Noted May 28.

Tenn., McMinnville—Voted $75,000 bonds, for waterworks. Noted July 23.

Ky., Madisonville — Making preliminary plans waterworks, incl. impounding reservoir, mains, etc. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, engrs.

O., Fremont—Plans modern type filtration plant. $200,000.

Wis., Beaver Dam—W. A. Gergen, city clk., plans improving waterworks plant, incl. new steam, Diesel engine or electrical power for pumping. To exceed $15,000. Engineer not selected.

Wis., Menasha—J. F. De Caro, city clk., soon takes new bids chlorinating machine for waterworks plant, here. Former bids rejected. Noted July 30.

Wis., Wauwatosa—City, c/o A. Brigham, city clk., making plans drilling deep well in northwest section of city. To exceed $15,000. J. E. Lowther, City Hall, engr.

Neb., Grand Island—Making plans constructing reservoir, power plant, etc. $300,000. C. L. Pillsbury Co., 2344 Nicollet Ave., Minneapolis, Minn., engrs.

Mo., Bragg City—Making preliminary plans deep well, 30,000 gal. tank and tower, also 4- and 6-in. c.i. mains, etc., in various streets. B. O. Bennett, Carruthersville, engr.

Mo., Piedmont—Plans election $50,000 bonds, waterworks and distribution system. W. A. Fuller Co., 1917 Ry. Exch. Bldg., St. Louis, engr.

Texas—See "Unclassified."

Tex., Abilene—Voted $250,000 bonds, waterworks improvements, incl. purification plant, etc. J. B. Hawley, 402 Cotton Exch. Bldg., Fort Worth, engrs. Noted July 23.

Tex., Boerne — Election soon $45,000 bonds, waterworks. Address H. L. Davis, mayor.

Tex., Clarkwood — Election soon $37,500 bonds, erecting fresh water supply system. Address Nueces Co. Fresh Water Dist. 1, Clarkwood.

Tex., Ennis—Voted $60,000 bonds waterworks improvements incl. centrifugal pump and deep well, and 400 ft. 8 and 26 in. pipe to Trinity sands. H. McCanless, Ennis, engr.

Tex., Mexia — Voted $125,000 bonds, waterworks, incl. extending mains, pumping equipment, etc. Address Mayor.

Tex., O'Donnell—Defeated $65,000 bonds for waterworks. Devlin Eng. Co., 119 Centr Bldg., Amarillo, consult. engrs. Noted July 23.

Okla., Walters—See "Contracts Awarded."

Colo., Salida—City authorized additional $50,000 bond issue, completing water system.

Wash., Seattle — City Council voted to appropriate $200,000, rebuilding Cedar River pipe line from Landsburg intake to Lake Youngs reservoir.

Ont., Belle River—Making plans waterworks, incl. c.i. mains, centrifugal pumps, reservoir, tank on tower, etc. $50,000. A. W. Connor & Co., Metropolitan Bldg., Toronto, engr.

BIDS DESIRED

N. Y., Long Island City, N. Y.—Sept. 1, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains and appurtenances in Idlewild Ave., and Garfield St., 4th Ward, here.

Fla., Tallahassee—Sept. 22, by B. H. Bridges, city aud. and clk., pipe and fittings, etc. W. R. Galt, city mgr.; adv. E. N.-R. Aug. 27.

Miss., Isola—Sept. 8, by F. H. Hutson, mayor, and Bd. Aldermen, waterworks, incl. oil engine, pumping unit, steel tower and tanks, reservoir, etc. Noted July 23.

O., Youngstown—Sept. 22, at office M. C. Kinder, comr. Water, City Hall, installing and testing waterworks pumping equipment, etc. Morris Knowles, Inc., Cleveland, and Pittsburgh, Pa., engrs.; adv. E. N.-R. Aug. 27.

Mich., Detroit—Sept. 8, by Secretary Bd. Water Comrs., 30,938 ft. 6- to 16-in. mains in various streets. G. H. Fenkell, 323 East Jefferson Ave., genl. mgr.

Mich., Detroit — Sept. 15, by Bd. Water Comrs., 176 East Jefferson Ave., 21,200 lin.ft. more or less 36- to 48-in. steel water pipe in Fenkell Ave. G. H. Fenkell, genl. mgr.; adv. E. N.-R. Aug. 27.

Minn., Jordan — Sept. 4, by City, J. C. Busch, clk., cased well, approximately 300 ft. deep and 12 in. diam., 100 gal. direct current pump and motor, pump house, iron removal plant, housing extension for iron removal plant, piping, etc.

Que., Cap-de-Madeline — Sept. 8, by R. Morrissette, city engr., one 8 x 8 in. stage pump, 150 hp. motor, two 1 stage 6 x 4 in. pumps, 15 hp. motors. $15,000.

Que., Fort Coulange — Sept. 8, by D. J. Shea, secy.-treas., complete waterworks machinery and equipment.

Ont., Windsor—Sept. 2, by R. B. Braid, secy. Essex Border Utilities Comn., Murray Bldg., 5 meters for 14- to 24-in. distribution main. J. C. Keith, ch. engr.

BIDS RECEIVED

O., Cleveland—Cuyahoga Co., 21,000 ft. 6 and 8 in. mains in Chestnut Hill Dr., Impvt. 61, from Hanna & Michael Constr. Co., 2457 East 55th St., $79,989. Noted Aug. 6.

Wash., Seattle—Bd. Pub. Wks. mains in Hinds St. et al., from Interstate Constr. Co., 1713 22nd St. S., $153,925. Engrs. est. $160,000.

CONTRACTS AWARDED

N. Y., Buffalo—Commissioner Pub Wks., Municipal Bldg., 1,020 tons 10, 12 and 16 in. Class "B," c.i. pipe, to U. S. Cast Iron Pipe & Fdry. Co., 957 East Ferry St., $48.75 per ton.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, small waterpipe lines in various streets, incl. 500 tons c.i. pipe, 500 tons specials, twenty 6 in., twenty 8 in. and twenty 12 in. valves, 7,000 yd. earth and 500 yd. rock excav., 18,000 grav iron castings, 300 cu.yd. concrete, etc., Contr. 770, to M. and J. B. McHugh, 892 North Markoe St., $65,112.

N. C., Boone—D. J. Cottrell, mayor, 5 mi. 6 and 8 in. c.i. mains, 200,000 gal. reservoir, and 4½ mi. 6 and 8 in. sewers in various streets, to Boyd & Goforth, Realty Bldg., Charlotte, $100,000. Noted July 23.

N. C., Durham—New basins, tanks and 3 mi. 24 in. mains in various streets, to Tucker & Laxton, Realty Bldg., Charlotte. $300,000.

O., Cincinnati—Director Pub. Serv., 3,025 tons 16- to 24-in. hub and spigot c.i. and 40 tons 6 in. special cast iron pipe for distribution system, to U. S. Cast Iron Pipe Co., Addyston, $139,439. Engrs. est. $150,000.

O., Cleveland—Cuyahoga Co., 15,000 lin.-ft. 6 and 8 in. c.i. mains in Pleasant Valley Rd., Impvt. 82, to Great Lakes Constr. Co., 2,000 E. F. Keith Bldg., $56,837. Noted Aug. 13.

O., Cleveland—Cuyahoga Co., 2,000 ft. 6- to 16-in. c.i. mains in Blount St., Impvt. 653, to Langahan Constr. Co., Marshall Bldg., $15,573. Noted July 30.

O., Garfield Heights (Cleveland P. O.)—See "Sewers."

Neb., Phillips—H. J. Johnson, village clk., 40,000 gal. tank on tower, to Omaha

Waterworks (Continued)

Steel Wks., 4802 Leavenworth St., Omaha, $5,275; c.i. pipe, to U. S. Cast Iron Pipe & Fdry. Co., 604 Interstate Bldg., Kansas City, Mo., $3,400; galvanized pipe, to A. Alden, Aurora, $1,085; and deep well with pump, hydrants, valves, laying mains, etc., to Interstate Mchy. & Supply Co., 1006 Douglas St., Omaha, $4,255. Grand total $14,015. Noted July 16.

Mo., Lees Summit—See "Sewers."

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, rein.-con. covered reservoir on Missouri River between Old Bohomme and Watson Rds., at Howards Bend, to Frazier-Davis Constr. Co., Arcade Bldg., $1,160,808. Engrs. est. $1,391,000. Noted Aug. 13.

Tex., Corpus Christi—City, 3 filter units, 1 m.g. capacity each, etc., to International Filter Co., 333 West 25th Pl., Chicago, Ill., $35,242.

Tex., Cross Plains—Constructing approximately 48,431 ft. mains in various streets, to J. W. Moore, Eastland, $27,000. Engrs. est. $30,000.

Tex., Wichita Falls — Hamilton Martin Investment Co., waterworks and sewers in Country Club Estates addition, to James Constr. Co., South West Life Bldg., Dallas, $81,653.

Okla., Okemah—City, 1 m.g. rapid sand filter plant, pumping station, transmission line, 2 tanks, 7,800 ft. 8 in. and 23,300 ft. 12 in. c.i. mains, etc., in various streets, to Sherman Machine & Iron Wks., 18-32 East Main St., Oklahoma City. Engrs. est. $200,000. Noted July 30.

Okla., Ponca City — Concrete reservoir, 160 ft. dam, 2 m.g. capacity, etc., to Gallamore Constr. Co., Cushing, $36,485. Noted Aug. 20.

Okla., Walters—City will construct dam across Cache Creek, spillway, new pump, etc., by own forces under supervision A. M. Thompson, Walters. $16,000. T. M. Anderson, city mgr. Noted Aug. 6.

N. M., Portales—J. C. Fairly, city clk., 11,310 ft. 4- and 6-in. c.i. pipe, two 6 in. and eight 4 in. gate valves, 10 valve boxes, 6,110 lbs. special fittings, 7,300 ft. 2 in. wrought iron pipe, etc., for water extensions, to R. Irick, Plainview, Tex., $16,-264. Noted April 2.

Wash., Seattle—Bd. Pub. Wks., 7,910 ft. 8 in. mains in 9th Ave. S. W. et al., to F. Agostino, 1318 21st St., $19,775, engrs. est., $20,757. Noted Aug. 20.

Ont., Welland — Water Comrs., filter equipment, to Francis, Hankin & Co. Ltd., 386 King St. W., Toronto, $46,000; pumps, motors, valves, etc., to Turbine Equipment Co., 73 King St. W., Toronto, $54,260; wash water tank, to Horton Steel Wks. Ltd., Bridgeburg, $8,975. Grand total $109,235.

Sewers

PROPOSED WORK

N. Y., Jamestown—Voted $125,000 bonds, for sewage disposal plant.

Pa., Phila. — Dept. Pub. Wks., Bureau Engineering rejected bids Aug. 7 for storm water ditches and incidental drainage in connection with South Phila. Impvt. south Packer Ave., and west of Broad St. Will readvertise. Noted Aug. 6.

Fla., Lakeland—Plans sewage disposal plant. C. C. Brown, city engr.

La., Kenner—See "Waterworks."

Tenn., Clinton—Voted $60,000 bonds, 6 mi. sewers in various streets.

Tenn., Chattanooga—Takes bids in September, 100,000 ft. sewers, etc., in various streets. $100,000. Cushman-Fairleigh Eng. Co., James Bldg., Chattanooga, engrs.

Mich., Detroit—Drain Comn. Wayne Co. plans 2,967 ft. Sunbeam Drain, Redford Twp., 7,406 ft. 18- to 48-in. crock pipe, etc. G. A. Dingman, County Bldg., co. drain comn.

Mich., Detroit—Made plans brick or monolithic concrete and vitr. crock sewer in 2,505 ft. more or less Pembroke Ave. Arm West, Livernois Ave. Sewer 2,622 ft. Fenkell Ave. Arm West, Hubbell Ave. Sewer 2,016 ft. Greiner Ave. Arm, all above built in tunnel; and 1,648 ft. Harper Ave. Arm West, Cadieux Rd. Sewer, to be built in open cut. P. A. Fellows, City Hall, city engr.

Ia., Van Horn — Making plans disposal plant and sanitary sewers in various streets. $30,000. H. E. Green, 417 1st Ave. E., Cedar Rapids, engr.

Texas—See "Unclassified."

Tex., Abilene—Voted $50,000 bonds sewage disposal plant and extending sewers in various streets. Jno. B. Hawley, 403 Cotton Exch. Bldg., Ft. Worth, engr. Noted July 23.

Tex., El Campo—Election Sept. 12, $60,-000 bonds, sewer improvements, extending mains, etc., in various streets. Address Mayor. B. D. King, El Campo, engr.

Tex., Ennis—Making plans 8,000 ft. 8 in. vitr. sewers in various streets and addition to disposal plant. $40,000. H. McCanless, Ennis, engr.

Tex., Frisco—Election soon $32,500 bonds, sewerage system. F. P. Schrader, mayor.

Tex., Jacksonville—Election soon $40,000 or more bonds, sewage disposal plant. Address Mayor.

Tex., O'Donnell—Defeated $25,000 bonds for drainage. Devlin Eng. Co., 119 Central Bldg., Amarillo, engrs. Noted July 23.

Tex., San Antonio—Election soon $75,000 bonds for sanitary sewers in various streets. I. Ewig, City Hall, city engr.

Tex., Schulenburg—Voted $45,000 bonds, complete sewerage system. Address Mayor.

Tex., Yoakum—Election soon $50,000 bonds, for extending 2 mi. sewers in Forest, Hopkins, portions of West Gonzales and Matthew Sts. Address Mayor.

Okla., Edmond — Making preliminary plans disposal plant, and 9,000 ft. 18 in. vitr. clay sewers, etc. in various streets. $36,000. Peckham & James, 227 West Grand St., Oklahoma City, engrs.

Okla., Oklahoma City—Defeated $1,750,-000 bonds, outfall sewers and 2 sewage disposal plants. B. M. Hart, City Hall, engr. Noted July 23.

Ont., Ford — Plans sanitary sewers in Front, Arthur, Giles, Westcott and Francois Sts. $58,000. F. Foster, City Hall, engr.

Ont., Hamilton—Plans vitr. clay and concrete storm sewers, with lateral drainage system in Wentworth St., etc. $750,000. W. L. McFaul, City Hall, engr.

Ont., Toronto—York Twp., plans constructing sewage pumping station to serve Warren Ave. and Bayview Ave. area. $75,000. F. B. Goedike, 40 Jarvis St., twp. engr. James, Proctor and Redfern, 36 Toronto St., consult. engrs.

BIDS DESIRED

Mass., Boston—Aug. 31, by Dept. Pub. Wks., sewerage works in various streets in West Roxbury; and Sept. 1, in various streets in Hyde Park. J. A. Rourke comr.

Mass., Lynn — Sept. 29, by Comn. on Ways & Drainage, at office purchasing agent and City Engineer, City Hall, 60 in. c.i. outfall sewer in Lynn Harbor. Morris Knowles, Inc., engrs.; adv. E. N.-R. Aug. 27.

N. Y., New York — See "Streets and Roads."

Pa., Coraopolis—Sept. 8, by Boro. Manager, double strength vitr. clay sewer pipe; Adv. E. N.-R., Aug. 27.

Pa., Juniata—Sept. 10, by Boro Council, City Hall, W. H. Baird, secy., 4,400 lin.ft. 8 and 10 in. sewer, manholes, etc., in 7th, 8th and 9th Aves. D. W. Dillman, 91 Altoona Trust Bldg., Altoona, engr.

Md., Baltimore—Sept. 2, by Bd. Awards, constructing 550 lin.ft. 60 in. rein.-con. and 65 lin.ft. 54 in. brick and concrete drains, 285 lin.ft. 12 in. vitr. sewer, and 180 lin. ft. 8 in. underdrain, etc., in Sewer Dists. J-8 and 38, Storm Water Contr. 88. M. J. Ruark, 311 Courtland St., sewerage engr.

W. Va., Clarksburg — See "Streets and Roads."

Fla., Bradentown — R. K. Van Camp, comr. Pub. Wks., taking bids 270 lin.ft. storm water sewers, etc., in various streets L. L. Hine, clk.

O., Berea—Sept. 14, at office G. J. Fowles, village clk., Village Hall, 15,500 ft. 6- to 15-in. sanitary sewer and 16,400 ft. 12- to 48-in storm drains, etc.; adv. E. N.-R. Aug. 27.

O., Cleveland—Sept. 2, at office Commissioner Purchases & Supplies, sewers in East Park Dr. from Neff Rd. N. E. to Lake Shore Rd., and East Park Dr. from Lake Shore Bldg. to East 185th St., Fenwick Rd. N. E. from Dorchester Blvd. N. E. to Lake Shore Blvd., and from Lake Shore Hillcrove Ave. N. E., La Salle Ave. N. E., and Schenley Ave. N. E. R. Hoffman, City Hall, engr.

Tex., Harlingen—Taking bids 4 mi. sanitary sewers and 7,307 ft. storm sewers in various streets. Address A. Thompson, mayor. A. Tamm, engr. Noted July 2.

Wis., Milwaukee—Sept. 1, by J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., for Mud Creek Low Level Sewer, 2,730 ft. 36 in. concrete and 5,927 ft. 18- to 24-in. terra cotta pipe, etc. T. C. Hotton, c/o owner, engr.

Neb., Omaha—Sept. 4, by H. Beal, city engr., City Hall, storm sewer 848, 270 ft. 9 x 9 ft rein.-con. in open cut and 2,060 ft. 9 x 9 ft. rein.-con. in tunnel. 25 ft. 21 in. pipe, 24 ft. 42 in. 2 ring brick, etc., for City. $150,000.

Ark., Morrilton—Aug. 31, by G. C. Martin, secy., 30,000 ft. 8- to 12-in. vitr. clay or concrete sewers, 120 concrete manholes, 26 x 42 ft. septic tank, sludge bed, etc. S. G. Davis, Morrilton, engr.

Ark., Russellville—Sept. 1, at office of F. Ragsdale, engr., Russellville, 10,800 ft. 6 to 10 in. vitr. clay sewers, etc. in Sewer Dist. 3, for City.

Ont., Midland—Making plans extensions and additions to sewerage system. $50,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

BIDS RECEIVED

N. J., Brooklawn (mail Westville)—Gloucester Co. (Woodbury), Aug. 18, sanitary sewers in various streets, here, from Pennsylvania Eng. Constr. Co., Real Estate Trust Bldg., Phila., Pa., $28,907.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Aug. 19, from McLean Constr. Co., 1415 Fidelity Bldg., Baltimore, Md., Wingohocking sewer in McAlester Ave. and Cayuga St., $505,965 from H. H. Pizagno, 907 South 15th St., branch sewers in Bath St. $785, 61st St. $9,891, and Stenton Ave. $5,870, from Sarco Constr. & Building Co., 1213 Snyder Ave., Erie St. $29,259, and Rawle St. $5,230, from J. Moss, 1652 Wakeling St., Hegerman St. $3,653, from J. J. McHugh, 1617 Race St., Island Ave. $2,216, Jackson St. $602, 21st St. $9,295 and Unity St. $4,798, from McCool Constr. Co., 5633 Duffield St., Large St. $5,880, from E. F. Bennis, 825 East Washington Lane, Limekiln Turnpike $8,692, from A. Mattia, 316 North 65th St., Pearce St. $5,244, from Clifton Constr. Co., 131 East Berkley Ave., Clifton Heights, Randolph St. $6,416; and from Union Paving Co., 30th and Locust Sts., grading, etc. at Northeast Sewage Treatment Works, $88,211.

Mich., Kingsford (mail Iron Mountain)—C. W. Seller, village mgr., Aug. 20, 11,578 lin.ft. 15- to 42-in. sewer in various streets, from Phelps-Drake Co., Iron Mountain, $104,000; 11,461 lin.ft. 10- to 48-in. sewer in various streets, from Delta Contg. Co., Escanaba, $136,000. Noted Aug. 6.

Mich., Detroit — For 5,296 ft. rein.-con. and vitr. sewer in Fenkell Ave. Arm East, Hubbell Ave. Sewer, from A. Rossi, 5307 Pennsylvania Ave., $85,952; 5,135 ft. Dix Ave. Arm, Lonyo Rd. Sewer, from J. Porath, 903 Free Press Bldg., $108,022, 3,571 ft. Portlance Ave. Arm, Connors Creek Sewer, from C. R. Lennane Co., 2,631 Woodward Ave., $38,532; 2,765 ft. Intervale Ave. Arm E., Wyoming Ave. Sewer, from F. Taddeo Constr. Co., 400 Penobscot Bldg., $43,436; 2,263 ft. Harper Ave. Arm, West Sect. 2, Connors Creek Sewer, from J. A. Mercier Co., 616 Hammond Bldg., $68,913.

Wis., Cudahy—C. H. Wolbert, city clk., Aug. 18, from E. M. Gillet, 673 25th St., Milwaukee, 960 ft. 60 in. concrete sewer outlet $27.40 per ft. or 72 in. concrete pipe at $32 per ft., 60 ft. drop manholes $20, and special manholes $250. Noted July 30.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., Aug. 17, from Wenzel & Henoch Co., 498 27th St., sewers in Cleveland Ave. $6,059 and 59th St. $1,725; from G. Zimmermann, 3402 Grand Ave., sewers in Western Ave. $1,779, Fiebrantz St. $4,656, Reynolds St. $1,165, 60th St. between North and Meinecke Aves. $1,649 and 60th St. between Vliet St. and Menomonee Dr., etc., $23,721; from W. T. Werner, 675 Hi Mount Blvd., sewers in Melvina St., $764, and 20th St. $1,834; and from Milwaukee Sewer & Drainage Co., 928 Humboldt Ave., sewer in 49th St., $1,067. Noted Aug. 13.

CONTRACTS AWARDED

Md., Baltimore — Bd. Awards, storm drains and sanitary sewers in Sewer Dists. H-5, J-5, 38-A and 39, all in Storm Water Contr. 84, to F. Angelozzi, 238 Albemarle St., $186,698. Noted Aug. 6.

N. C., Boone—See "Waterworks."

Fla., Palmetto—City, sewerage system, to Walker & Elder, Builders Exch. Bldg., San Antonio, Tex., $233,000.

O., Cleveland—City, 190 ft. 7 ft. 6 in. B, 536 ft. 7C, 360 ft. 6C, 1,130 ft. 5 ft. C, 565 ft. 4C, 335 ft. BC, 295 ft. 3 ft. C, 645 ft. 3 ft. 6 in. Cir. C. sewers in Puritas Ave., to Kassouff & Co., 3182 West 25th St., $269,756. Noted July 30.

O., Cleveland—Mains in Cleveland Air Port on Brook Park Rd., to Donnelly & Miller Constr. Co., Engineers Bldg., $43,701. Noted July 23.

O., Cleveland—For 2,265 ft. 12 in. vitr. tile sewer in Behrwald Ave., and 1,390 ft. 12- to 18-in. in Firsby Ave., to Hadded & Kariel Constr. Co., 415 Eagle Ave., $5,364 and $4,493 respectively; 800 ft. 12- to 15-in. vitr. tile sewer in Fulton Rd. and 1,385 ft. 12- to 18-in. in Sobieski Ave., to W. B. Smith, 1350 West 89th St., $3,115 and $4,583 respectively; 310 ft. 2C and 1,735 ft. 12 and 18 in. vitr. tile sewer in Burger Ave., to Salem & George Bros., Erie Bldg., $8,018; in East of Delaven Rd. to George & Ameen Constr. Co., Huron 6th Bldg., $11,427; 99 ft. 8 x 10 ft. concrete sewer in 9 Mile Creek, to Speaker Contg. Co., Cleveland, $11,423. Grand total $48,423.

O., Cleveland—Cuyahoga Co., 7,000 lin.ft. 8- to 18-in. vitr. sewers in West 73rd St.

Sewers (Continued)

and Lindale Rd., to Kassouff & Co., 3182 West 25th St., $13,717; 4,700 ft. 10- to 18-in. vitr. tile sewer in Villa Park Subdivision, to A. Marra Co., Ulmer Bldg., $15,326. Noted July 30.

O., Cleveland—Cuyahoga Co., 5,000 ft. 8- to 60-in. concrete sewer in Wagar Rd., Impvt. 600, to Gallagher-Burke Constr. Co., 1228 Bonnieview Ave., $85,890. Former contract rescinded. Noted July 16.

O., Garfield Heights (Cleveland P. O.)—Sewers and watermains in Claremont Blvd., Southern, Reindeer and Garland Aves., to D. Rossi-Marceletti Co., 13701 Benwood Ave., Cleveland, $41,121.

O., Martins Ferry — Sewers in Mackay addition, to Stringer & Springer, Wheeling Trades & Bank Bldg., Wheeling, W. Va., $41,170.

O., Massillon—Director Pub. Serv., sewers north of Oakwood St., etc., to C. G. Traxler, Ft. Wayne, Ind. $58,000. Noted July 16.

O. St. Bernard (Ind. branch of Cincinnati)—Director Pub. Serv., 1,018 ft. 7- to 36-in. vitr. clay and 1,253 ft. 42- to 57-in. brick sewer through private property between Rapid Transit Right-of-Way and Bank Ave., to Connelly Bros., 2nd Natl. Bank, Cincinnati. $67,230. Engrs. est. $74,000. Noted Aug. 13.

Mich., Detroit—City, 4,001 ft. 7½ ft. cylinder to 15-in. crock sewer in Bedford Rd., Sect. 3, to W. Blanck Co., 40 Seven Mile Rd. E., $49,877; 2,311 ft. 4½ ft. to 3 ft. cylinder sewer in Puritan Ave. Arm W., Wyoming Ave. Sewer, and 3,894 ft. 5½ ft. to 4½ ft. cylinder sewer in Lyndon Ave. Arm E., Hubbell Ave. Sewer, to Central Contg. & Engr. Co., Detroit, $35,643 and $71,484 respectively; 5,875 ft. 6¾ ft. to 24 in. crock sewer in Lakeview Ave. Arm, to S. Fattore, 2201 St. Joseph Ave., $78,085; 2,601 ft. 2⅝ ft. x 4 ft. egg shaped sewer in Hamilton Relief Arm, to T. D. Nolan, 11341 Woodward Ave. $42,697. Grand total $277,786.

Ill., Elgin—Sanitary Dist. of Elgin, Willard Ave. Sewer, 3,775 ft. 12 and 15 in. vitr. clay and 510 ft. 8 in. c.i. pipe, etc., to J. Brogan & Sons, 700 Donsman St., Green Bay, Wis., $58,495. Noted Aug. 13.

Wis., Rhinelander — A. Moe, city clk., 1,370 ft. 12 and 15 in. storm and 9,600 8 and 10 in. sanitary sewers, etc. in various streets, to W. D. Lovell, 1415 Southeast 8th St., Minneapolis, Minn., $44,418. Noted Aug. 6.

Wis., Two Rivers—Storm sewers in various streets, to Gray-Robinson Constr. Co., Torrison Bldg., Manitowoc, $25,761.

Mo., Lees Summit—For 49,064 ft. 8- to 12-in. vitr. clay and 36 ft. 8 in. c.i. sewers, also 10,454 ft. 2 and 4 in. c.i. watermains, etc., in various streets, to W. B. Carter, 205 Cosden Bldg., Tulsa, Okla., $72,771. Noted July 30.

Mo., Jackson—For 47,130 ft. 6- to 12-in. vitr. clay sewers in various streets, to J. O'Neal, 119 4th Ave., Leavenworth, Kan., $53,100. Engrs. est. $65,000. Noted July 30.

Tex., San Augustine—Extending sewers in various streets, etc., to E. E. Collins, Falfurrias, $32,687. Noted June 4.

N. M., Portales — Sewer extensions in various streets, to R. Irick, Plainview, Tex., $34,290. Noted April 2 under "Waterworks."

Ont., Niagara Falls — Stamford Twp., general contract for sewer extensions, to J. Damore, c/o Township Engineer; pipe for same, to Independent Concrete Pipe Co., Woodstock. Engrs. est. $30,000.

Waste Disposal

PROPOSED WORK

Mass., Brockton—City, J. J. Powers supt. sanitation, City Hall, plans incinerator plant. $50,000 or more. H. Crocker, City Hall, engr.

BIDS DESIRED

N. Y., East Chester (Greycourt P. O.)—Sept. 9, by Town Clerk, Corporation Room, Tuckahoe, 30 ton garbage incinerator, here. J. F. Musselman, 101 Park Ave., New York City, consult. engr.; adv. E. N.-R. Aug. 27.

Tex., Houston—Sept. 8, by City, O. F. Holcombe, mayor, two 40 ton incinerators.

Bridges

PROPOSED WORK

W. Va., Charleston — Voted $165,000 bonds, new bridge to replace present structure at Spring St. R. R. Bartow, Court House, engr.

Ga., Atlanta—Plans constructing 2 rein.-con. viaducts at Pryn and Central Sts. $2,000,000.

Florida — Durrance Toll Bridge Co., Inc., H. L. Coachman, secy. and treas., 2104 Watrous Ave., Tampa, plans bridge over Old Tampa Bay from west end Grand Central Ave., Tampa (Hillsborough Co.) to Pinnellas Co. $4,000,000.

O., Cincinnati—Hamilton Co., plans rebuilding concrete superstructure for 4 span, 224 ft. bridge on Kilby Rd. $25,000. E. A. Gast, Court House, engr.

O., Columbus—Franklin Co. made plans 168 ft. steel and concrete bridge on Worthington-New Albany Rd., $17,500, and other small bridges and culverts on Tuttle Rd. and Casiday and Livingston Aves. $8,000. C. C. Lattimer, Co. surv.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, rejected bids bridges on Route 6, Sect. 2-K, DuPage Co., and on Route 1, Sect. 38-V, Johnson Co. Noted June 11.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, rejected bids bridges on Route 8, Sect. 42-B, Knox Co.; Route 39, Sect. 1-B, McLean Co.; and Route 5, Sect. 15-C, Winnebago Co. Noted Feb. 26, June 18 and 25.

Ill., Ottawa—State Hy. Dept., Springfield, plans bridge over Illinois and Michigan Canal at Columbus St., also 2 culverts under canal, here. $50,000. Chief Eng. Div. of Waterways, Springfield, engrs.

Kansas—Montgomery Co. (Independence) made plans 260 ft. rainbow arch bridge over Verdigris River east of Coffeyville, and three 100 ft. and one 120 ft. rainbow arch rein.-con. bridge over same river, near Independence. To exceed $25,000. H. K. Hibbard, Independence, co. engr. Kansas Eng. Co. 1233 Webster St., Topeka, consult. engrs.

Kan., Abilene — Dickinson Co. making plans constructing 10 rein.-con. bridges, ranging from 8 to 70 ft., on Federal Aid 29. $50,000. C. Nicholay Co. Abilene, co. engr. Kansas Eng. Co., 1233 Webster St., Topeka, consult. engrs.

Kan., Hutchinson—Reno Co. made plans rein.-con. bridge over Arkansas River, at 4th St. $50,000. W. A. Stacy, Hutchinson, engr.

Kan., Mound City—Linn Co. takes bids in September, 160 ft. steel truss bridge, 20 ft. over Big Sugar Creek. Kansas Eng. Co., 1233 Webster St., Topeka, engrs. C. E. Kinney, Mound City, co. engr. Noted Aug. 6.

Kan., Oskaloosa — Jefferson Co. making preliminary plans 20 ft. span rein.-con. bridge over Delaware River. To exceed $25,000. Kansas Eng. Co., 1233 Webster St., Topeka, engr.

Kan., Oswego—Labette Co. soon takes bids two 120 ft. and one 140 ft. Marsh span bridge over Neosho River, and one 120 ft. Marsh span bridge over Hickory Creek, both on Federal Aid Project 214, Sect. C. H. K. Shidler, Oswego, engr.

Kan., Paola—Miami Co. takes bids about Oct. 7, 120 ft. steel span bridge, 20 ft. roadway, across Middle Creek, and one 20 ft. concrete arch, one 10 ft. slab and 12 ft. slab spans, each 20 ft. wide, on Jefferson Highway, Federal Aid Project 293-C. To exceed $25,000. F. Gardner, Paola, Co. engr. Knasas Eng. Co., 1233 Webster St., Tokepa, engrs. Noted Jan. 29.

N. D., Valley City—Barnes Co. plans 175 ft. arch concrete bridge over Sheyenne River, at East Main St. $35,000. Marsh Eng. Co., 205 Masonic Temple, Des Moines, Ia., engrs.

Tex., Jourdanton—Atascosa Co., making plans 1 steel span, 506 ft. concrete and steel bridge across Atascosa River. $45,000. J. V. Curnutte, Jourdanton, engr. Noted Aug. 20.

Tex., Jourdanton — See "Streets and Roads."

Tex., Madisonville—See "Streets and Roads."

Tex., San Antonio—Bexar Co., election Sept. 19, $500,000 bonds repairing and constructing 3 steel and concrete bridges. A. C. Pancoast, c/o Court House, Co. engr. Noted July 2.

Tex., Sierra Blanca — Hudspeth Co., making plans 14 span 280 ft. concrete bridge on Federal Aid Project 439-J. $26,000. G. G. Wickline, State Hy. Dept. Austin, bridge engr.

Ore., The Dalles—Wauna Toll Bridge Co., Walla Walla, Wash., F. D. Baker, pres., plans bridge over Columbia River, 35 mi. west of here.

BIDS DESIRED

R. I., Providence — Sept. 16, at office Water Supply Bd., City Hall, Hartford Pike Bridge, three 13 ft. span, rein.-con., at or near North Scituate. F. E. Winsor, 661 Westminister St., engr.; adv. E. N.-R. Aug. 27.

Conn., Waterbury—Bd. Pub. Wks., taking bids and opens same about Sept. 1, concrete bridge Huntington Ave. and Waterford St., $25,000 to $30,000; also 2 span rein.-con. bridge over Naugatuck River, on Freight St., $200,000. R. A. Cairns, City Hall, engr. Noted July 9 and Aug. 20.

Pennsylvania—Sept. 14, at Office G. T. Wadas, controller, Media, Bridge 90, known as Shoemakerville Bridge over Ridley Creek between city of Chester and Nather Twp.; adv. E. N.-R., Aug. 27.

Pa., Chester—Sept. 14, at Office G. T. Wadas, controller, Media, Bridge 185 known as West 9th St. Bridge over Chester River, here; adv. E. N.-R. Aug. 27. Former bids rejected. Noted June 18.

Pa., Williamsport — Sept. 10, by L. O. Bower, clk., Lycoming Co., 212 ft. steel truss bridge with concrete abutments, 24 ft. M. O. Krause, Williamsport, co. engr.

W. Va., Mannington—Sept. 10, at City Officers, R. E. Meckler, city clk., two rein.-con. and steel bridges, one across Pyles Fork on Buffalo St., and other across Buffalo Creek on Clarksburg St. Concrete Steel Eng. Co., Park Row Bldg., New York City, N. Y., engrs.

N. C., Washington — Sept. 7, by Bd. Comrs. Beaufort Co., removing present bridge and constructing new bridge over Pantego Creek, 193,000 ft. creosoted lumber, etc. $30,000.

South Carolina—Sept. 1, by State Hy. Comn., Columbia, 253 ft. rein.-con. bridge over Enoree River, on State Route 8, State Project S-500, 123,975 lb. reinforcing, etc. E. D. Sloan, Court House, Greenville, engr.

Miss., Gulfport—See "Streets and Roads."

Louisiana—Sept. 10, by State Hy. Dept., Baton Rouge, Lake Lafourch Bridge, sixteen 25 ft panel, 400 ft. creosoted pile trestle on Oak Ridge-Rayville Highway, State Project 93-B, between Morehouse and Richland Parishes. W. B. Morton, highway engr.

Kentucky—See "Streets and Roads."

O., Dayton—Sept. 11, by G. F. Baker, dir. Pub. Serv., two 100 ft. span rein.-con. arch highway bridge over Wolf Creek at Sunrise Ave., 6,000 cu.yd. concrete, etc. $225,000. Harrington, Howard & Ash, 1012 Baltimore St., Kansas City, Mo., engrs.

Michigan—Aug. 31, by State Hy. Dept., at office Comrs. St. Clair Co., Port Huron, Bridge 771,703, 90 ft. rein.-con. span. G. C. Dillman, Lansing, highway engr.

Michigan—Sept. 9, by State Hy. Dept. at office of Comrs. Wayne Co., Detroit, Bridge 580303 3 span, cantilever type, Contr. 3. G. C. Dillman, Lansing, highway engr.

Wisconsin—See "Streets and Roads."

Ia., Vinton—See "Streets and Roads."

Tex., LaGrange—Sept. 1, by R. E. Schiller, engr., LaGrange, five 37 ft. span rein.-con. girder bridge across Pin Oak St., for Fayette Co. $35,000.

Tex., New Braunfels — Oct. 1, by City, 300 ft. rein.-con. bridge over Comal River, near Landa Park. $60,000. Terrell Bartlett Engineers, 621 Calcasieu Bldg., San Antonio, engrs. Noted July 30.

Washington — Sept. 15, by State Hy. Dept., Olympia, two 150 ft. steel trusses and 140 ft. rein.-con. T-beam approaches over Puyallup River, on State Rd. 5, between Sumner and Puyallup, Pierce Co. J. W. Hoover, highway engr.

Wash., Hoquiam — See "Contracts Awarded."

Ont., Welland—Aug. 31 (extended date), by J. W. Pugsley, secy. Dept. Rys. and Canals, Ottawa, superstructure and machinery for 4 bascule bridges over Welland Ship Canal, here. $1,000,000.

BIDS RECEIVED

South Carolina—State Hy. Dept., Columbia, 168 ft. riveted steel truss over Crowders Creek, on State Route 163, State Project S-544, York Co., from Atlantic Bridge Co., Roanoke, Va. $13,400; also 148 ft. rein.-con. bridge in Newberry, State Project S-534, Newberry Co., from E. T. Mayer & Son, Newberry, $15,751. Noted Aug. 13.

CONTRACTS AWARDED

Alabama—Mobile Bay Bridge Co., Mobile, bridge over Mobile River, at Mobile and down Blakely Island into Baldwin Co., (tolls to be collected until bridge is paid for then bridge to be turned over to Mobile Co.), to Harrington, Howard & Ash, 1012 Baltimore St., Kansas City, Mo., $1,800,000. Noted June 25.

Ohio—Dept. Highways & Pub. Wks., Columbus, concrete bridges on Sect. A, Hamilton-Middletown Rd., Butler Co., to C. Beatty, West Middletown $8,493, on Sect. E, Urbana-Sidney Rd., Champaign Co., to J. Frantz, Sidney $4,521, on Sect. 2, Canfield-Poland Rd., Mahoning Co., to Hunter Constr. Co., Youngstown $10,705, on Sect. J, Hillsboro-Piketon Rd., Pike Co., to E. P. Hinton, Chillicothe $5,288, on Sect. I, Cambridge-Newcomerstown Rd., Tuscarawas Co., to W. M. Brode Co., New Comerstown, $6,225; bridge and approaches on Sect. Twin Creek Bridge, National Rd., Preble Co., to Brookville Bridge Co., Brookville, $34,307, and $5,349 respectively, concrete arch through bridge on Sect. Prices

Bridges (Continued)

Creek Bridge, National Rd., Preble Co., and excavating channel and making approaches on same road to Putnam & Sunday, Antwerp, $12,377 and $3,573 respectively. Grand total $90,838.

Michigan—State Hy. Dept., at office Comrs. Macomb Co., Mt. Clemens, Bridge 501402, two 30 ft. twin span concrete and Bridge 501403 one 28 ft. twin span, both in Macomb Co., to E. C. Nolan & Son, 1497 Collingwood Ave., Detroit, $24,101 and $21,437 respectively.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, bridges on Route 12, Sect. 1-C, Lawrence Co., to St. Louis Structural Steel Co., Bank Commerce Bldg., St. Louis, Mo., $13,690; on Route 3, Sect. 2-B, Morgan Co., to Herrick Constr. Co., Clarksville, $11,092; on Route 32, Sect. 4-B, Moultrie Co., to Dean Bros., Oblong, $31,251; on Route 36, Sect. 2-B, Hancock Co., to Federal Bridge Co., Des Moines, Ia., $12,234; on Route 40, Sect. 10-B, Jo Daviess Co., to W. H. Shons Sons, Freeport, $34,970. Grand total $103,237. Noted Feb. 26, June 11 and July 2.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, bridge on Route 7, Sect. S, Bureau Co., to F. J. Smith, Tipton, Ia., $22,441; Route 1, Sect. 43-B, Saline Co., to C. Barth, Marion, $10,688; Route 23, Sect. 26-V, De Kalb Co., to G. C. Fairclo, Watseka, $11,170. Grand total $44,299. Noted June 18.

Wisconsin—See "Streets and Roads."

Kan., Abilene—Dickinson Co., Bridge 122, 112 rainbow arch spans over Mud Creek, to N. E. Marsh, Abilene, $26,850.

Kan., Abilene—Bd. Comrs. Dickinson Co., 112 ft. span rein.-con. arch bridge, 34 ft., over Mud Creek, on 3rd St., to N. E. Marsh, Abilene, $27,850.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, 5 span, 327 ft. rein.-con. and steel bridge over River Des Peres, at Bway., to Frazier-Davis Constr. Co., Arcade Bldg., $97,624. Engrs. est. $105,500. Noted July 23.

Tex., Austin—W. D. Yett, mayor, 3 span, 240 ft. concrete arch open spandrel type bridge with concrete piers, 27 ft. deck, 20 ft. roadway, etc. across Bartons Creek, to A. A. Mundt, 812 West 6th St., $26,888. Engrs. est. $30,000. Noted Aug. 20.

Tex., Henrietta—See "Streets and Roads."

Washington—State Hy. Com., Olympia, two 122 ft. and one 144 ft. fixed, open spandrel, rein.-con. deck arch spans over Elwha River, on State Rd. 9, Clallam Co., to MacRae, 1107 Amer. Bank Bldg., Seattle, $76,491. Noted Aug. 6.

Wash., Hoquiam—City Comn. will build single-leaf bascule steel draw-bridge over Little Hoquiam River, by day labor, under supervision of M. M. Caldwell, Central Bldg., Seattle, engr. $36,000.

Dams

PROPOSED WORK

Neb., Spencer—Northern Nebraska Power Co., plans dam, here. $500,000.

Tex., Cotulla — See "Excavation, Drainage, Irrigation, Levees."

Tex., Gonzales—See "Buildings—Industrial."

CONTRACTS AWARDED

La., Shreveport—Caddo Lake Levee Bd., W. A. Kelley, secy., will build Caddo Lake dam by day labor; steel sheet piling, to Carnegie Steel Co., Carnegie Bldg., Pittsburgh, Pa. J. L. Schely, Galveston, Tex., U. S. engr. in charge. Noted Aug. 6.

Railways

PROPOSED WORK

New Jersey—See "Buildings—Industrial" under "Newark."

North Carolina—Piedmont Northern Ry. Co., Charlotte, plans extending lines about 80 mi. from Charlotte to Winston-Salem. $10,000,000. W. S. Lee, pres.

North Carolina—Seaboard Air Line, Norfolk, Va., plans double tracking 156 mi. line from Norlina to Hamlet, here. $10,900,000. W. D. Faucette, ch. engr.

Kansas and Texas—Chicago, Rock Island & Pacific R.R., La Salle St. Sta., Chicago, plans 145 mi. standard gauge railroad line from Liberal, Kan., to Amarillo, Tex. $4,000,000. C. A. Morse, ch. engr.

Texas—Southern Pacific Ry. Co. (Texas Lines) H. M. Lull, ch. engr., Southern Pacific Bldg., Houston, making preliminary plans extending railroad from Falfurrias to Rio Grande River. $2,000,000.

Texas—Asherton & Gulf Ry., Asherton, making preliminary plans extending line from Bart to Eagle Pass, running through new town of Catarina. $600,000. R. T. Walker, Asherton, genl. mgr.

Oklahoma — Chicago, Rock Island & Pacific R.R., La Salle St. Sta., Chicago, Ill., plans 35 mi. line from Billings to Ponca City, here. $719,000. C. A. Morse, ch. engr.

British Columbia—North Vancouver Provincial Government, Victoria, plans completing Pacific and Great East System to Fort George and from North Vancouver to Squamish, also 15 mi. spur to Hat Creek Coal Mines. $2,000,000. P. Philip, Dept. Pub. Wks., Victoria, engr.

BIDS DESIRED

Oregon—See "Contracts Awarded."

CONTRACTS AWARDED

Louisiana — Missouri Pacific R.R., Ry. Exch., St. Louis, 10 mi. track extension from Epps to Dephi, to R & P Switch Track Constr. Co., Bd. Trade Bldg., New Orleans. Noted July 30.

Oregon — Portland Electric Power Co., will build 3.5 mi. Greely cut-off to St. John Dist., by day labor. $150,000. A. Laugard, City Hall, engr.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Mass., Nantucket — South Beach Boatyard, Inc., plans bulkhead, marine railways, fill solid and dredge in Nantucket Harbor. $25,000. Private plans.

Mississippi—Fighting Bayou D. D., Sunflower Co. (Indianola), and Leflore Co. (Greenwood), making preliminary plan ditches, incl. 940,000 cu.yd. excav., etc. Abbott Eng. Co., Greenwood, engrs.

Minn., Glenwood—Pope Co., L. M. Landing, aud., plans Judicial Ditch 2, 14 mi. open ditch, 33 mi. tile and gates, controls, dam, spillway, etc. $88,600.

Tex., Cotulla—LaSalle Co. election soon $7,000,000 bonds constructing irrigation system, incl. 2 mi. rein.-con. dam, 90 ft. high, etc., 3 mi. west of here. Address B. Wildenthal, Cotulla, tax assessor. Noted Aug. 20.

BIDS DESIRED

Mass., Milford—Aug. 28, by Bd. Health, F. H. Lally, chn., dredging, widening and straightening channel in Charles River Valley, approximately 7,000 cu.yd. excav.

Ind., Albion—Aug. 28, by W. T. Knox, engr., Albion, constructing 9 mi. Seymour and Thumme ditch and drain, 74,653 cu.yd. excav., for Noble Co. $40,200.

Tex., Edinburg—Sept. 22, by Commissioners Hidalgo Co. at office Co. Judge, constructing flood control works. P. S. Devine, Pharr, engr.; adv. E. N.-R. Aug. 27. Noted May 28.

Ontario—Sept. 8, by J. W. Pugsley, secy. Dept. Railways & Canals, Ottawa, constructing Youngs Point Sect., Trent Canal.

Ont., Welland — Sept. 22, by J. W. Pugsley, secy. Dept. Rys. & Canals, Parliament Bldgs., Ottawa, constructing 4 mi. Sect. 6, Welland Ship Canal from Alexandria Bridge to Port Robinson, here. $5,000,000. W. A. Bowden, Hunter Bldg., Ottawa, ch. engr. Noted Aug. 7.

BIDS RECEIVED

Neb., Falls City—C. F. Bucholz, secy. Richardson Co. D. D. 1, July 29, 165,000 cu.yd. excav., from F. Gordon, Fort Dodge, Ia., at $0.075 per cu.yd., and two 100 ft. pony truss bridges, from Home Constr. Co., Humboldf, $8,100. Noted July 23.

CONTRACTS AWARDED

Miss., Water Valley—City, drainage ditch and deepening Town Creek Channel through city, to F. D. Harvey, 688 South Bellevue St., Memphis, Tenn. Engrs. est. $35,000.

Mich., Menominee—Menominee Community Building Co., H. E. Nadeau, secy., excavation for 4 story and basement, 100 x 200 ft. store, theatre, and office building, to H. J. Selmer Co., McCartney Bank Bldg., Green Bay, Wis.

Ill., Naples—Mainvaisterre Drainage and Levee Dist., Scott Co., 118,290 cu.yd. levee embankment and 100,231 cu.yd. ditch excav., to Matthews Bros., Erie. Noted July 9.

Ia., Council Bluffs — Pottawatomie Co., 153,235 cu.yd. excav. in main ditch and 20,950 cu.yd. in laterals, for Upper Silver D. D. 25, to Boyne Constr. Co., 909 9th Ave.

Ia., Greenfield—Adair Co., 229,151 cu.yd. excav. in D. D. 1, Jackson and Washington Twps., to F. M. Crane Co., 1124 City Natl. Bank Bldg., Omaha, Neb., at $0.0845 per cu.yd. Noted July 30.

Tex., Crandall — Kaufman Co. Levee Impvt. Dist. 13, Levees, ditches, etc., to Trinity Farm Constr. Co., Waxahachie, $62,000. Noted July 25.

Streets and Roads

PROPOSED WORK

Mass., Everett—Plans constructing High, Bway., Robin and Lynde Sts. $25,000.

N. J., Newark—See "Buildings-Industrial."

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, rejected bids Aug. 18, paving and repaving alleys in 1st Highway Dist. E-1 and 2, also 5th Highway Dist. E-5 and 6 G. H. Biles, dir. Pub. Wks.

N. J., New Brunswick — Middlesex Co., plans paving and curbing Lawrence, Edgeworth, James and Florence Sts.; and grading and curbing Ward, Oak and Townsend Sts. $80,000. W. F. Buchanan, Perth Amboy, engr.

W. Va., Buckhannon—Voted $103,000 bonds, paving various streets. A. Morgan, recdr. Noted July 30.

W. Va., Huntington—Cabell Co. election Sept. 22, $270,000 bonds improving roads in Barboursville Dist. J. M. Oliver, Huntington, engr. Noted May 21.

W. Va., Morgantown—Voted $400,000 bonds, improving various streets. C. McDowell, Morgantown, engr. Noted July 23.

W. Va., Morgantown—Monongalia Co. election Sept. 5, $360,000 bonds, improving roads in Battelle Dist. A. T. Baritell, Morgantown, engr.

W. Va., Wayne—Wayne Co. voted $200,000 bonds, improving various roads in Butler Dist. H. O. Wiles, Westmoreland, engr. Noted July 23.

Fla., Sanford — Plans sheet asphalt paving and repaving portions of 10th St., Pecan, Olive and Mulberry Aves. $67,370. L. R. Philips, city clk.

Ala., Tuscaloosa — Tuscaloosa Co. voted $300,000 bonds, improving Tuscaloosa-Jefferson Co. line Highway.

Miss., Moorehead—Sunflower Co. voted $140,000 bonds, grading and improving various roads in Separate Road Dist. 2 Beat.

La., Lafayette—Bd. Trustees soon take bids curbing and paving 54 various streets. V. E. Smith, city engr.

Tennessee—State Dept. Hys. & Pub. Wks., Nashville, plans grading, etc., 5 mi. Bluff City-Carter Co. line Rd., Sullivan Co., 25 mi. Erin-Waverly Rd., Humphreys and Houston Counties, and 10 mi. Union City-Fulton Rd., Obion Co. J. G. Creveling, highway comr.

Tenn., Chattanooga—Hamilton Co. making plans probably concrete surfacing road up Lookout Mountain. To exceed $100,000. E. G. Munell, Chattanooga, co. engr. Noted Apr. 30.

Tenn., Clinton—Anderson Co. plans election $115,000 bonds, improving various roads.

Tenn., McMinnville—Voted $60,000 bonds, paving various streets.

Ky., Mayfield—Graves Co. voted $400,000 bonds, improving various roads, I. N. Hughes, co. judge.

O., Akron—W. F. Peters, dir. Pub. Serv., rejected bids July 29, grading, curbing, laying sidewalks and vitr. brick paving, etc. 1,060 sq.yd. Warner St. $15,500. Will readvertise. Noted Aug. 20.

O., Canton—Plans improving Greenfield Ave. S.W. $60,000-$75,000, 4th St. N.W., $35,000, 1 mi. 14th St. N.E. $85,000, Rowland Ave. N.E. $80,000, and 1 mi. 25th St. N.W. $60,000; widening and asphalt repaving McKinley Ave. N.W. $60,000. W. E. Sarver, Canton, engr.

O., Cleveland — Plans widening and improving Lake Shore Blvd., Ford Dr. N. E., Mayfield Rd. S. E., Broadway S. E., Fulton Rd. S. W., new highway to relieve Lorain Ave., East 18th, 14th, 13th and 55th Sts., Wade Park Ave. N. E., Payne Ave. N. E., Carnegie Ave. S. E., Central Ave. S. E., Hamm Ave. S. E., Harvard Ave. S. E. and West 14th and Jennings Ave. S. W., etc. $2,000,000. R. Hoffman, City Hall, engr.

O., Marion—Plans improving Spencer St. $28,350; Uhler Ave. $32,328, Gurley Ave. $25,000, and Oak St. $42,643. T. S. Cathers, city engr.

O., Wooster—Wayne Co. plans improving 3 mi. Hunter School Rd. $65,000.

Streets and Roads (Continued)

Ind., Anderson — Plans concrete paving 0.75 mi. John St., 30 ft., $25,000; and 2 mi. West 9th and Rocky Aves., 20 ft., $60,000. W. H. Donney, City Hall, engr.

Ind South Bend—St. Joseph Co., plans grading and graveling 3 mi. Wolfe Rd., 24 ft. $35,000. P. R. Gillin, South Bend, engr.

Mich., Detroit—Plans Medina or Berea curbing, and 3½ in. asphalt on 8 in. concrete paving 12,800 sq.yd. Lakepoint Ave., Sect. 2 $60,460, 2,760 sq.yd. Pinehurst Ave. $13,000, 3,040 sq.yd. Wildemere Ave. $14,300, 2,260 sq.yd. LaBelle Ave. $10,660, 3,759 sq.yd. Griggs Ave. $16,790, 8,650 sq.yd. Martindale Ave. $38,920, all 30 ft.; 1,050 sq.yd. Liebo St. $4,700, 3,710 sq.yd. Holcomb Ave. $17,460; 3,530 sq.yd. Peter Hunt Ave. $16,650, 1,950 sq.yd. Willard Ave. $8,750, 1,305 sq.yd. Leach Ave. $5,880, 2,130 sq.yd. Quincy Ave. $9,580, all 28 ft.; 9,150 sq.yd. Fullerton Ave. $41,120, 36 ft.; 2,540 sq.yd. Cloverlawn Ave., 26 ft., $11,970; 4,030 sq.yd. Courville Ave., Sect. 2, 30 and 36 ft. $19,020; 11,250 sq.yd. Manistique Ave., 28 and 30 ft., $50,220. P. A. Fellows, City Hall, engr.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, rejected bids guard rail on Project 1, Sect. 16-G, Lawrence Co. and Route 12, Sect. 9-G, Clay and Richland Counties. Noted June 18.

Ill., East St. Louis—Takes bids about Oct. 1, widening 1,400 ft. St. Clair St. 19 or 20 ft.; and asphalt surfacing 4,200 sq.yd. or 8 in. concrete surfacing 2,700 sq.yd., St. Clair St. $33,100. W. McK. Brown, City Hall, engr. Noted Aug. 20.

Wis., Portage — Making plans concrete paving, etc. 12,500 sq.yd. West Pleasant St. and concrete or asphalt paving, etc. 6,300 sq.yd. West Carroll St. To exceed $25,000. C. W. Smith, City Hall, engr.

Wis., Rhinelander—A. Moe, city clk., soon takes bids sheet asphalt paving approximately 25,000 sq.yd. 11 streets. To exceed $25,000. J. Donohue Eng. Co., 608 North 8th St., Sheboygan, engrs.

Kan., Alma — Wabaunsee Co. making preliminary plans grading, etc. 15.5 mi. Dover Rd., 26 ft. F. Itz, Alma, engr. Kansas Eng. Co., 1233 Western St., Topeka consult. engrs.

Kan., Kansas City — Wyandotte Co. making plans concrete surfacing 1.05 mi. Westermeyer Rd., 18 ft. To exceed $25,000. O. K. Williamson, co. engr.

Kan., Kingman — Making preliminary plans grading, curbing and 3 in. fibre brick on 5 in. concrete paving 10,000 sq.yd. various streets. C. A. Haskins, 824 Finance Bldg., Kansas City, engr.

Kan., Leavenworth—Making preliminary plans grading, curbing and asphalt on 5 in. concrete surfacing James street from 6th St. to Bway., asphaltic concrete surfacing Pennsylvania St. from 2nd to 5th Sts., and virtical fibre brick on concrete surfacing Pawnee St. from 2nd to 4th Sts.

Kan., Ottawa—Making preliminary plans grading, curbing and hard surfacing 14 blocks East 4th, East 6th, South Oak and Maple Sts.

Kan., Paola—Miami Co. making preliminary plans grading, etc. 9.623 mi. Jefferson Highway, Federal Aid Project 293-C, 28 ft. F. Gardner, Paola, co. engr. Kansas Eng. Co., 1233 Webster St., Topeka, engrs.

Kan., Phillipsburg—Making preliminary plans grading, curbing and hard-surfacing 12,000 sq.yd. various streets. C. A. Haskins, 824 Finance Bldg., Kansas City, Mo., engr.

Neb., Alma — Making preliminary plans grading, curbing and hardsurfacing 8 blocks various streets. Bruce & Grupe, 710 Bankers Reserve Life Bldg., Omaha, engrs.

Neb., Ashton—Making preliminary plans grading, curbing, gravel or hardsurfacing 15 blocks various streets. Henningson Eng. Co., Natl. Bldg., Omaha, engrs.

Mo., Centralia—Making preliminary plans paving various streets. To exceed $25,000. Benham Eng. Co., 512 Gumble Bldg., Kansas City, engr.

Mo., Paris — Making preliminary plans grading, curbing and asphalt on concrete paving 9,000 sq.yd. various streets. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs.

Mo., St. Louis—Plans grading and concrete paving alleys in City Blocks 2729, 2759, 2817, 2884, 2885 2925, 2971, 3996, 4029S, 4099, 4098S, 4102, 4103S, 4448, 4449A, 4995, 5296, 5319, 5481, 5535, 5570 and 5640. $62,230. W. W. Horner, city engr.

Mo., Springfield — City making preliminary plans grading, curbing and concrete paving 8,150 yd. Lynn St. G. W. Culler, City Hall, engr.

Mo., Springfield — Making plans curbing and concrete paving approximately 9,500 yd. various streets. G. W. Culler, 998 North Jefferson St., engrs.

Mo., Sweet Springs—City, c/o L. B. Harwood, city clk., making preliminary plans grading, curbing and hardsurfacing various streets. To exceed $25,000. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, engrs.

Arkansas—State Hy. Dept., Little Rock, making preliminary plans grading, hardsurfacing, etc. 10 mi. Newport-Little Rock Highway, Jackson Co. $93,000. R. C. Limerick, highway engr.

Ark., Harrison — Making preliminary plans grading, curbing and paving 10 blocks streets in Dist. 1, and 5 blocks in Dist. 2, also sewers in business district. E. M. Ratcliffe, Fayetteville, engr.

Texas—State Hy. Dept. Austin, making preliminary plans asphalt topping about 35 mi. highway from Guadalupe through Gonzales to Fayette Counties. $1,300,000.

Tex., Alice—Jim Wells Co., making plans 1 in. cold rock asphalt on concrete or alternate Bates section concrete on caliche with waterbound top and 1½ in. hot asphalt surfacing 14.3 mi. State Highway 12, Federal Aid Project 429-E. $217,000-$353,000. L. W. S. Mantel, Alice, engr.

Tex., Austin—Travis Co., making plans bituminous on crushed stone surfacing 8 mi. State Highway 20, from point near Oak Hill to Hays Co. line. $75,000. O. Leonard, Box 256, Austin, engr.

Tex., Austin — Travis Co., plans hardsurfacing 7.9 mi. highway to form part of Fredericksburg Highway. $150,000. State appropriated $38,582 toward cost. O. Leonard, Box 256, co. engr.

Tex., Beeville—Bee Co., takes bids after Aug. 25, rock asphalt surfacing 12.4 mi. State Highway 12, Beeville-Berclair Rd., 18 ft. $60,000. R. Harrison, Beeville, engr.

Tex., Brownsville—Brazos Santiago Eagle Pass Ferry Co., making plans handsurfacing about 7 mi. Ocean Beach Driveway, 25 ft. $75,000. S. Robertson & A. E. Anderson, Brownsville, engrs.

Tex., Caldwell — Burleson Co., election soon $500,000 bonds, for 60 mi. highway improvements. State Highway Dept. appropriates $500,000 toward cost. Address R. S. Bowers, State Senator.

Tex., Cuero—De Witt Co., election soon $200,000 bonds hardsurfacing 10 mi. highway between Yoakum and Hochheim. S. Kulawik, Cuero, judge.

Tex., Fort Worth—Tarrant Co. making plans widening and rein.-con. paving 6.7 mi. State Highway 5, Dallas-Ft. Worth Pike Rd., 24 ft. $539,000. B. A. Davis, Fort Worth, engr.

Tex., Fort Worth—Tarrant Co. making plans 2 in. asphalt surfacing 7.63 mi. State Highway 10, from Benbrook to Co. line. $115,000. D. A. Davis, Ft. Worth, engr.

Tex., Hillsboro — Hill Co., election soon $75,000 bonds hardsurfacing about 7 mi. highway in Blum Rd. Dist. O. Culberson, Hillsboro, co. judge.

Tex., Jasper—Jasper Co. making plans gravel surfacing 12½ mi. State Highway 62 from Buna, to Newton Co. Line. $100,000. C. P. Hunter, Jasper, engr.

Tex., Jefferson—Marion Co., making plans bituminous macadam paving 7.57 mi. State Highway 8, Jefferson to Cass Co. line. $80,000; also 3.56 mi. State Highway 8, Jefferson to Harrison Co. line, $50,000. T. B. Warden, Jefferson, engr.

Tex., Jourdanton — Atascosa Co. making plans grading, bridging and bituminous macadam paving 9.08 mi. State Highway 9, 18 ft. $180,000. J. V. Curnutte, Jourdanton, engr.

Tex., Lufkin — Election soon $125,000 bonds hardsurfacing 3 mi. various streets. C. N. Humason, city mgr.

Tex., Lufkin—C. N. Humason, city mgr., soon takes bids paving, curbing, etc. 3 mi. various streets. $60,000. Engineer not announced.

Tex., Madisonville—Madison Co., making plans grading and rein.-con. bridging 3 mi. State Highway 21, from Madisonville, west, 26 ft. $26,000. A. McCormack, Madisonville, engr.

Tex., Mexia—Voted $75,000 bonds, paving various streets. R. D. Morgan, Mexia, engr.

Wash., Shelton—Plans paving 25 blocks various streets in residential district.

Tex., Smithville — Bastrop Co. election soon $25,000 bonds, graveling, etc. 4 mi. Giddings-Waelder Highway. Address County Engineer.

Tex., Weslaco — Soon takes bids permanent paving 30 blocks various streets. $70,000. H. E. Bennett, Weslaco, engr.

Tex., Waco—Election Sept. 22, $250,000 bonds, paving various streets. V. G. Koch, city engr.

Okla., Okemah — Making preliminary plans grading, curbing and 6 in. concrete surfacing 10 blocks Paving Dist. 4. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Oklahoma City—Plans grading and sheet asphalt surfacing, etc., 42,000 sq.yd. Grand Blvd. $161,000. B. M. Hart, City Hall, Oklahoma City, engr.

Calif., San Diego—Common Council plans improving Ivanhoe, Wall and Cave Sts., 93,435 sq.ft. bituminous on 5 in. concrete paving, 853 sq.ft. concrete sidewalks, etc.; also Nautilus St., 101,506 sq.ft. 4 in. concrete paving, 12,510 sq.ft. concrete sidewalks, 886 lin.ft. curbing, etc. F. A. Rhodes, city engr.

BIDS DESIRED

N. Y., Brooklyn—Sept. 2, by J. A. Guider, boro pres., Boro Hall, grading, curbing, flagging and permanent asphalt paving, etc. Avenue M, Crown, East 10th, 16th, 26th, 37th, 98th, 95th, 52nd, 55th, 61st and 71st Sts.; permanent asphalt paving, etc. Rutland Rd., 63rd, East 9th and 94th Sts., 19th and Gates Aves.; curbing and permanent asphalt paving East 28th St.; permanent granite and asphalt repaving Montague St. and Rochester Ave.; grading, curbing and flagging, etc. West 9th and 64th Sts.

N. Y., New York—Sept. 3, by H. Bruckner, pres. Bronx Boro, Crotona Park, Tremont and 3rd Aves., bituminous concrete paving, etc. Lawrence Ave., McClellan, East 212th and Melville Sts.; sheet asphalt paving, etc. White Plains Rd., Mead St., Ellis and Holland Aves.; asphalt block paving, etc. Fox St.; sewer and appurtenances in O'Brien and College Aves.

N. Y., New York—Sept. 3, by J. Miller, pres., Manhattan Boro, Municipal Bldg., granite block repaving, etc. West and Marginal Sts., and Wharf or Place on North River from Laight to Watts Sts; also widening and sheet asphalt repaving 57th St.

N. Y., St. George—Aug. 31, by J. A. Lynch, boro pres., Boro Hall, concrete curbing with steel guard and concrete sidewalks, etc. on Fingerboard Rd.; bituminous concrete paving, etc. Clove Rd. Noted Aug. 20.

N. Y., White Plains—Sept. 8, at office Clerk Bd. Supervisors, Court House, rein.-con. paving Rd. 27-27 A, in Pleasantville; Rd. 30, here; and Rd. 36 in Yonkers; adv. E. N.-R. Aug. 27.

New Jersey—Sept. 14, by State Hy. Comn., Trenton, constructing Delaware River Bridge Connecting Rd., Sects. 1 and 2 in Pensauken Boro., and Delaware River Bridge Entrance Rd., Sect. 2, in Camden, together with relocation Cooper River, etc.; also trolley track paving Route 9, Sect. 4, in Dunellen, Middlesex Co., etc. A. L. Grover, secy.; adv. E. N.-R. Aug. 27.

N. J., Ocean City—Sept. 7, by Bd. Comrs., City Hall, sheet asphalt on concrete paving various streets, Contr. 780. W. H. Collisson, Jr., city engr.; adv. E. N.-R., Aug. 27.

Maryland — Sept. 1, by State Roads Comn., Baltimore, concrete paving 2.42 mi. Contr. P-42, Prince George Co. J. N. Mackall, chn.; adv. E. N.-R. Aug. 27.

Maryland—Sept. 1, by State Rds. Comn., Baltimore, graveling 2.63 mi. road from Pomfret to Benville School, Charles Co., Contr. Ch-34. J. B. Mackall, chn.

Md., Baltimore—Sept. 2, by Bd. Awards, concrete paving alleys as listed in Alley Contr. 117. $25,000. S. Purcell, City Hall, highways engr.

W. Va., Clarksburg—Sept. 1, by D. H. Hamrick, city clk., improving Bway., East Pike, Hill, Sumner, North 15th and Camden Sts., 2,500 cu.yd. vitr. brick, 1,260 cu.yd. rein.-con., 8,260 cu.yd concrete curbing, 3,700 cu.yd. excav., 3,570 ft. vitr. sewers, etc. T. S. Long, city engr.

W. Va., Marlinton — Sept. 1, by Pocahontas Co. Court, bituminous macadam surfacing 3.58 mi. Durbin-Bartow Rd., 16 ft., portions of Projects 3090 and 3356. $70,000. H. R. Anderson, Charleston, engr.

W. Va., Wayne—Sept. 10, by Wayne Co., improving 5.2 mi. Beech Fork Rd. Project 101, 2 mi. Garretts Creek Rd., 2.15 mi. Lynn Creek Rd. and Browns Bridge near mouth Bowen Creek, all in Union Dist.; 2.55 mi. Beech Fork Rd. and 2.5 mi. Little Lynn Rd., both Stonewall Dist. H. O. Wiles, co. road engr.

W. Va., Wheeling—Sept. 3, by Ohio Co. vitr. brick surfacing, etc. 2,900 sq.yd.

Streets and Roads (Continued)

Memorial Blvd. $140,000. Former contract rescinded. A. C. Hoffman, Wheeling, engr. Noted July 2.

N. C., Elizabeth City—Sept. 1, by Comrs. Pasquotank Co. concrete or asphalt paving 3 mi. Simonds Creek Rd. $75,000. J. R. Ford, Elizabeth City, engr.

N. C., Mount Holly—Sept. 9, by Mayor, grading, curbing, and hard surfacing various streets, 20,000 sq.yd. Carolina Eng. Co., 917-919 Johnston Bldg. Charlotte, engrs. G. H. Bishop, consult. engr.

South Carolina — Sept. 1, by State Hy. Comn. Columbia, grading and sand clay paving 14,090 cu.yd. State Route 341, State Project S-581. J. M. Martin, Florence, engr.

Florida—Sept. 1 by State Rd. Dept., Tallahassee, clearing, grubbing, grading, etc. about 11.76 mi. Federal Aid Project 41, Rd. 4, Dade Co. J. L. Cresap, state engr. Noted Aug. 7.

Fla., Bartow—Aug. 31, by Comrs. Polk Co., asphalt on Bartow clay or Florida lime rock paving about 34 mi. various roads, also culverts and bridges in Special Rd. and Bridge Dist. 12. N. D. Raulerson, clk. Noted Apr. 9.

Miss., Gulfport—Sept. 8, by Bd. Supervs. Harrison Co. grading and bridging 15.8 mi. Lyman-Poplarville Rd. W. S. Hawkins, Gulfport, consult. engr.

Miss., Rolling Fork — Sept. 1, by Bd. Supervs. Sharkey Co., improving 7.458 mi. Federal Aid Project 50-C, 5.4 acres clearing and grubbing, 205,589 cu.yd. borrow, 36,634 ft. creosoted and 1,530 ft. untreated timber, 17,505 cu.yd. gravel 1 mi. haul, 14,459 units ½ mi. overhaul, 6.989 mi. Bermuda sod, etc. H. C. Dietzer, Jackson, engr.

Louisiana—Sept. 10, by State Hy. Dept., Baton Rouge, constructing 11 mi. State Project 453 B 1, on Haynesville-Bernice Highway, and 10 mi. State Project 453 B 2, through Colquit, both Claiborne Parish; also 1.57 mi. State Project 496 A, St. Landry Parish. W. B. Robert, highway engr.

Louisiana—Sept. 15, by State Hy. Dept., Reymond Bldg., Baton Rouge, grading and graveling 4.37 mi. Sicily Island-Clayton Highway, Federal Aid Project 161A, Catahoula Parish. W. B. Robert, highway, engr.

La., Bastrop — Sept. 1, by Police Jury Morehouse Parish, graveling 2,400 cu.yd. Gallion-Bonidee Roadway, bids also furnishing material for above. J. L. White, parish engr.

La., Lafayette — Sept. 8, by Bd. City Trustees, cement sidewalks on 16 mi. various streets. V. E. Smith, city engr.

La., New Orleans—Sept. 1, by Comr. Finance O'Keefe, hard-surfacing 18 streets listed in last half 1925 paving program. Former bids rejected.

Kentucky—Sept. 21, by State Hy. Dept., Frankfort, **(F.A.P. means Federal Aid Project,** and **S.A.P. means State Aid Project)**, grading 5.87 mi. Rockport-Beaver Dam Rd., 24 and 28 ft., S.A.P. 45-A, Ohio Co., 9.007 mi. Middlesboro-Prunden Rd., and 4,166 mi. Middlesboro-Prunden Ro., 20 and 22 ft., S.A.P. 5-G, Bell Co., 5.71 mi. Harlan-Whitesburg Rd., 24 and 28 ft. F.A.P. 140-A, Harlan Co., 6.398 mi. Clinton-Fulton Rd., 26 and 30 ft., F.A.P. 131-D, Hickman Co., 5.68 mi. Jamestown-Liberty Rd., 24 and 28 ft., F.A.P. 142-A, Russell Co.; rock asphalt, bituminous macadam or water-bound macadam surfacing 11.36 mi. Maysville-Flemingsburg Rd., 18 ft., S.A.P. 68-A, Mason Co.; rock asphalt, bituminous macadam or asphaltic concrete surfacing 2.01 mi. Owensville-Farmers Rd., 18 ft., F.A.P. 137-A, Bath Co.; one 90 ft. steel span and one 50 ft. I-beam bridge, on Little River-Cadiz Rd., F.A.P. 11-C, Trigg Co. E. N. Todd, highway engr.

O., Akron—Sept. 2, by Comrs. Summit Co., grading and traffic bound slag paving, etc. 2.5 mi. Hametown-Richfield Rd., 6,000 tons slag, etc. $27,200, 3.93 mi. East Akron-Massillon Rd., $42,800, 4.65 mi. Clinton-Greensburg Rd., 11,000 tons slag, etc. $59,500, 1.54 mi. Bath-Stow Rd., 3,600 tons slag, $27,300, 1.23 mi. Cuyahoga Falls-Hudson Rd., 3,000 tons slag, etc., $13,000, and 1.27 mi. Wadsworth-Johnston Rd., 3,000 tons, slag, etc., $13,400. R. E. Willems, Court House, engr. Noted Aug. 6.

O., Akron—Sept. 4, by W. F. Peters, dir. Pub. Serv., grading, curbing, laying sidewalks, sewers, boulevard lights and vitr. brick paving 8,215 sq.yd. Merriman Rd. $115,000. Former bids rejected. E. A. Kemmler, Delaware Bldg., engr. Noted Aug. 20.

O., Cincinnati—Aug. 31, by Director Pub. Serv., grading, curbing, guttering and bituminous macadam paving, etc., 1,000 ft. Kellogg Ave., 20 ft. $376,865. F. Krug, City Hall, engr. Noted Apr. 16.

O., Cleveland—Aug. 29, by Comrs. Cuyahoga Co., paving Bliss Rd. 2 R. F. Lander, Court House, engr.

O., Columbus—Sept. 8, by W. H. Duffy, dir. Pub. Serv., grading, curbing, laying necessary water mains, sewer connections and paving **(a)** asphalt or **(b)** brick 2,032 ft. Parsons Ave., 34 ft. **(a)** $26,937 **(b)** $35,871; 465 ft. Chapel St., 21 ft. **(b)** $8,727; 523 ft. Wall St., 18 ft. **(a)** $6,097 **(b)** $7,783, and 1,012 ft. Thurlow Ave., 21 ft. **(a)** $8,976 **(b)** $12,006.

O., Euclid—Sept. 8, by Village, sheet asphalt or concrete paving Cut Rd. from Lake Shore Blvd. to Lake Rd. To exceed $25,000. F. A. Pease Eng. Co., Marshall Bldg. Cleveland, engrs.

O., Lakewood (Cleveland P. O.)—Aug. 31, by Village, brick or asphalt paving, 7 various streets. $100,000. E. A. Fisher, City Hall, engr.

Ind., Newport—Sept. 7, by H. C. Ingram, engr., Newport, concrete paving 25,342 sq.yd. Perona Rd., for Vermillion Co. $59,900.

Ind., Plymouth—Sept. 8, by J. Hildebrand, engr., Plymouth, grading and graveling 3 mi. Stout Rd., 24 ft., for Marshall Co. $27,377.

Ind., Rushville—Sept. 7, by F. L. Catt, Rushville, engr., concrete paving 17,952 sq.yd. Allen Rd., for Rush Co. $41,575.

Ind., South Bend—Aug. 28, by P. R. Gillin, engr., South Bend, grading and graveling 2.85 mi. Edwardsburg Highway, for St. Joseph Co. $26,138.

Ind., Valparaiso—Sept. 10, by F. R. McNiece, engr., Valparaiso, grading and graveling 2.035 mi. Frame Rd., 24 ft., for Porter Co. $28,900.

Ind., Warsaw—Aug. 29 by S. S. Boggs, engr., Warsaw, concrete paving 14,784 sq.yd. Dan W. Kelly Rd., for Kosciusko Co. $30,190.

Ind., Warsaw—Sept. 7, by S. S. Boggs, engr., Warsaw, grading and graveling 2.52 mi. Munson Rd., 24 ft., for Kosciusko Co. $26,581.

Ind., Williamsport—Sept. 7, by J. R. Gregory, engr., Williamsport, grading and graveling 2.41 mi. Felix Rd., $26,200, and 2.52 mi. Jones Rd., $27,100, both 26 ft. for Warren Co.

Michigan—Sept. 1, by State Hy. Dept., at office Comrs. Kent Co., Grand Rapids, graveling 3.81 mi. Grattan-Moseley Rd. G. C. Dillman, highway engr.

Michigan—Sept. 1, by State Hy. Dept., at office Comrs. Ionia Co., Ionia, grading and graveling 28,422 sq.yd. County A.D. 26. G. C. Dillman, Lansing, highways engr.

Michigan—Sept. 8, by State Hy. Dept., at office Comrs. Muskegon Co., Muskegon, grading 3.221 mi. State Trunk Line 54-15, Sect. A, 32 ft. G. C. Dillman, highway engr.

Wisconsin—Sept. 4, by State Hy. Comn., at Office 4, Wisconsin Rapids, improving following sections of Kilbourn-Wisconsin Rapids Rd., Project 394-A, Adams Co., Sta. 652 plus to 664 plus 35, 8,971 cu.yd. excav., 2.86 acres clearing, 30 ft. concrete deck girder span bridge, 24 ft. roadway, 144.5 cu.yd. concrete; also Sta. 123-A plus 50 to Sta. 145-A plus 00, 24,614 cu.yd. excav., 7,220 cu.yd. borrow, 5,375 sq.yd. willow matting riprap, 25 ft. concrete deck girder bridge 600 cu.yd. concrete, etc. or alternate 10,754 cu.yd. excav., 45 ft. span concrete deck girder bridge, 144.5 cu.yd. concrete, etc. J. T. Donaghey, Madison, highway engr.

Minn., Albert Lea—Sept. 15, by C. Holway, aud. Freeborn Co., grading, etc. $85,700 cu.yd. State Project 24:09G, Sect. 2, State Aid Rd. 9; also 30,000 cu.yd. State Aid Project 24:18G, State Aid Rd. 18. $26,000. C. W. Squire, Albert Lea engr.

Mo., Louisiana—Sept. 10, by D. C. Weaver, city clk., grading, curbing, concrete paving, etc. 1 mi. various streets, 30 and 40 ft. $77,000. Caldwell Eng. Co., Jacksonville, Ill., engrs. Noted Mar. 21.

Mo., St. Joseph — Sept. 1, by Buchanan Co., grading 2.25 mi. Ferril Rd., 38 ft. $25,000. O. A. Loomis, St. Joseph, co. engr.

Neb., Rulo—Sept. 8, by V. W. Coupe, city clk., grading, curbing, guttering, gravel surfacing, etc. streets in Impvt. Dist 2. $35,000. Henningson Eng. Co., Natl. Bldg., Omaha, engrs.

Arkansas—Aug. 31, by State Hy. Dept., Little Rock, improving 7.95 mi. Federal Aid Project 231-A, Ashley Co., 4 acres clearing, 11.44 acres grubbing, 48,388 cu.yd. excav., 17,586 ft. treated and 13,176 ft. untreated timber, etc.; 10,376 mi. Federal Aid Project 190-C, Lee Co., 17.79 acres clearing, 20.05 acres grubbing, 74,962 cu.yd. excav., 56,898 cu.yd. gravel, 87,586 lb. structural steel, etc.; 6.893 mi. Federal Aid Project 195-A, Monroe Co., 2.45 acres clearing, 2.8 acres grubbing, 44,920 cu.yd. excav., 36,496 cu.yd. gravel, etc.; 7.225 mi. Federal Aid Project 219-A, Woodruff Co., 1.8 acres clearing and grubbing, 36,263 cu.yd. excav., 26,884 cu.yd. gravel, 71,532 ft. treated and 55,585 ft. untreated timber, etc. R. C. Limerick, highway engr.

Ark., Walnut Ridge—Paving Dist. 1, taking bids and opens same about Sept. 10, 5,000 sq.yd. rein.-con. paving, and 11,000 sq.yd. graveling, etc., various streets. Cobb & Lee, Jonesboro, engrs.

Tex., Alpine—See "Contracts Awarded."

Tex., San Antonio—Sept. 11, by Comrs. Bexar Co., San Antonio, ¼ to 1 in. asphalt topping about 3 mi. Cleveland Ct., Albany and Townsend Sts., Garrity and Terrell Rds., Patterson, Basden, Broadway and New Braunfels Aves., in Precinct 3, 16 ft. $50,000. A. C. Pancoast, San Antonio, co. engr. Noted Aug. 20.

Nevada—Sept. 2, by State Hy. Dept., Carson City, improving 5.4 mi. West County Line-Virginia City Rd., Route 17, Sect. A, Storey Co., 46,000 cu.yd. excav., 14,576 yd. sta. overhaul, etc. G. W. Borden, highway engr.

Washington—Sept. 15, by State Hy. Com., Olympia, clearing, grading, and gravel or crushed rock surfacing, etc. approximately 8 mi. State Rd. 22, Stevens Co., $25,000; clearing, grading, etc. 8 mi. State Rd. 5, Yakima Co., to exceed $25,000; grading approximately 1.25 mi. State Rd. 1, clearing, grading, gravel or crushed rock surfacing, etc. 0.2 mi. State Rd. 2, both in King Co., gravel surfacing approximately 12 mi. State Rd. 9, Grays Harbor Co., clearing, grading, gravel or crushed rock surface approximately 1 mi. State Rd. 5, Lewis Co. and crushed rock surfacing approximately 10 mi. State Rd. 3, Whitman Co. To exceed $25,000. J. W. Hoover, highway engr.

California—Sept. 8, by State Hy. Comn., Sacramento, grading and graveling, etc., 3.8 mi. road between point 4 mi. west of Bieber and Bieber, Lassen Co. and grading and surfacing 7.4 mi. road between Laguna Beach and San Juan Creek, Orange Co., 26,100 tons crushed gravel or stone. R. M. Morton, highway engr.

BIDS RECEIVED

Massachusetts—Dept. Pub. Wks. Boston, bituminous macadam paving 2,500 ft. highway in Winchendon, from R. E. Bull, 151 Harrison Ave., Fitchburg $13,975, 2,350 ft. highway in Canton, from Reynolds Bros., Inc., 179 Summer St., Boston $22,948, 2,050 ft. highway in Cohasset, from Weston, Allerton $20,403, and 3,275 ft. highway in Southborough, from J. Laurenzi, 453 Mechanics St., Leominster, $18,349; bituminous concrete paving 6,336 ft. highway in East Bridgewater, from Washburn & Sheridan, East Taunton, $20,850; concrete bridge and bituminous macadam approaches on 2,347 ft. highway in Dalton, from C. B. Lindholm, 24 North St., Pittsfield, $47,092.

N. Y., New York—H. Bruckner, pres. Bronx Boro., 3rd and Tremont Aves., Aug. 20, grading, etc. East 197th St., and sewers, etc. in Lacombe Ave., from Remo Realty Co., 645 East Tremont Ave., $8,851 and $7,747 respectively; grading, etc. Sheridan Ave., from T. DiRoma, 33 Evelyn Pl. $25,102, Paulding Ave., from A. Gregorio & Co., 1121 Neil Ave. $24,612, and East 196th St., from Burnside Contg. Co., 270 Burnside Ave., $5,955; curbing, etc. Tyndal Ave., from J. Gebert, 82 Bolton Ave., $6,694; retaining walls Harlem River Terrace and Fordham Rd., from H. M. Duffy, 597 East 132nd St., $42,645; sewers in College Ave., from J. V. Timoney Constr. Co., 220 East 201st St., $8,418. Noted Aug. 13.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Aug. 18, granite block repaving Marginal St., from P. Cramer, 154 East 50th St., $14,285; Houston St., from J. Meehan & Son, 74 Cortlandt St., $3,317; and West 125th St., from C. Helbock, 633 Wales Ave., $8,449. Noted Aug. 13.

N. J., Elizabeth — Union Co., Aug. 13, paving 7,690 lin.ft. Galloping Hill Rd., from J. F. Burke, 309 Park Ave., Plainfield, sheet asphalt $99,093; from J. M. Reuter Co., 25 Westfield Ave., Elizabeth, concrete $99,303.

N. J., Manville — Somerset Co. (Somerville), Aug. 18, concrete paving, etc. 16,877 sq.yd. road through here, from Utility Constr. Co., 5 Spring St., New Brunswick, $60,279.

N. J., Rahway—Union Co. (Elizabeth), Aug. 13, paving 5,610 lin.ft. New Brunswick Ave., from J. F. Burke, 309 Park Ave., Plainfield, asphalt $73,674, concrete $72,179.

Streets and Roads (Continued)

Delaware—State Hy. Dept., Dover, Aug. 19, grading and paving with (a) stone aggregate or (b) slag aggregate (1) 2,920 cu.yd. Harmon School-Oak Orchard Rd., Contr. CS37 (2) 1,900 cu.yd. Ocean View-Bethany Beach, Contr. CS41 (3) Lowes Cross Rds. Mission, Contr. CS42 (4) 480 cu.yd. Blades Connection, CS43 (5) 1,615 cu.yd. Dupont Rd.-Stockley, Contr. CS44, from Stewart & Donohue, 14th and Grand Sts., Wilmington, (a1) $52,408; from Old Line Constr. Co., Chestertown, Md., (b1) $51,475 (a5) $30,762 (b5) $29,809; from W. W. Truitt, Lincoln City, (a2) $39,038 (b2) $38,943; from Highway Eng. & Constr. Co., Selbyville (a3) $105,409; from Field, Barker & Underwood, Commercial Trust Bldg., Phila., Pa. (b3) $103,090; from E. P. Downing, Seaford, (a4) $9,232 (b4) $9,232. Noted Aug. 6.

Md., Baltimore — Grading, curbing, and sheet asphalt paving 18,050 sq.yd. streets listed in Contr. 297-NA from Roland Park Co., Garrett Bldg., Roland Park, $31,314; grading, curbing and concrete paving 12,830 sq.yd. streets in Contr. 298-NA, from Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $80,105.

Md., Baltimore — Grading and concrete paving 14,240 sq.yd. streets listed in Contr. 296-OANA, from Tydings, Marine Co., 2 East Lexington St., Baltimore, $40,818.

Md., Baltimore—Bd. Adwards, Aug. 12, improving streets listed in Contr. 295 NA, from F. D. Carozza, Garrett Bldg., Baltimore, $41,907. Noted Aug. 6.

South Carolina—State Hy. Dept., Columbia, bituminous concrete surfacing 4.6 mi. State Route 8, Federal Aid Project 20-A Cherokee Co., from Southern Paving Constr. Co., Vol. Life Bldg., Chattanooga, Tenn., $153,329. Noted Aug. 13.

Miss., Lexington — Holmes Co., grading, grubbing, and graveling 1.204 mi. Federal Aid Project 64A. 2 mi. from Yazoo Co. line to end of project, from J. L. McWilliams & Co., Exchange Bldg., Memphis, Tenn., $26,759.

O., Akron—W. F. Peters, dir. Pub. Serv., Aug. 10, improving 14,924 ft. Delaware Ave., et al, 16,000 lin.ft. stone curbing, 12,950 lin.ft. armored cable, 91,300 sq.ft. 4 in. concrete sidewalks, 38,200 cu.yd. earth excav., and 25,000 sq.yd. (a) asphalt or (b) concrete, from Lombardi & Bowlus, 163 Annadale Ave., (a) $189,338 (b) $177,120, engrs. est. $273,000, 1,940 ft. Spicer St., 1,600 lin.ft. stone curbing, 3,200 sq.ft. 4 in. concrete sidewalks, 400 cu.yd. earth excav., 4,600 sq.yd. sheet asphalt, from T. E. McShaffrey Constr. Co. 173 South Forge St., $55,-501, engrs. est. $92,000. Noted July 20.

Michigan — State Hy. Dept. at office Comrs. Genesee Co., Flint, Aug. 20, grading and concrete paving 18,884 sq.yd. State Trunk Line 10-38, Sect. Co. from Meredith & McVaugh, 202 Horton Ave., Detroit, $52,610.

Michigan — State Hy. Dept., at office. Comrs. Ionia Co., Ionia, Aug. 19, grading and temporary graveling 6.956 mi. State Trunk Line 43-2, from C. Regev, Cloverdale, $60,-670. Noted Aug. 6.

Michigan — State Hy. Dept., at office Comrs. Missaukee Co., Lake City, grading and graveling 5.756 mi. State Trunk Line 74-5, Sect. C and 2.386 mi. State Trunk Line 74-5A, from S. Cable, Falmuth, $31,310 and $15,318 respectively; 2.344 mi. State Trunk Line 74-5, Sect. B, from E. McDonald, Lake City, $27,541. Noted July 30.

Michigan—State Hy. Comn., Lansing, grading and graveling 9.282 mi. State Trunk Line 69-4, Baraga Co., from Fitzpatrick Bros., Calvi & Lamont, Ironwood, $58,597.

Michigan — State Hy. Dept., of office Comrs. Saginaw Co., Midland, Aug. 12, graveling 5.509 mi. Trunk Line 18-11, from H. L. McLean, Saginaw, $75,509. Noted July 23.

Michigan — State Hy. Dept., at office Comrs. Chippewa Co., Saulte Ste Marie, grading and graveling 134,960 sq.yd. Federal Aid Project 189, Sect. A, from Hill & Belknap, East Tawas, $158,475. Noted July 23.

Mich., Pleasant Ridge—Village, July 27, improving Elm Park Ave., 1,670 cu.yd. excav., 5,434 lin.ft. concrete curbing, and 6,536 sq.yd. concrete paving, also Oakland Park Ave. 1,670 cu.yd. excav., 6,417 lin.ft. curbing, and 7,636 sq.yd. concrete paving from R. J. Powelson & Co., 6415 Iroquois Ave., Detroit, $20,660 and $24,249 respectively.

Wis., Milwaukee—Dept. Pub. Wks., from H. J. Glover & Son, Schwartz Bldg., Kenosha, asphalt resurfacing National Ave., $28,531; from F. W. Blodgett, 521 Newton Ave., vibrolithic concrete paving 55th St. between North and Meinacke Aves. $6,773, from Czerwinski Constr. Co., 816 Clinton St., Herman St. $7,659, Ohio Ave. $18,611 and Superior St., $39,788; from Schwerm Bros., 50 Lee St., concrete paving group of alleys, $19,543 and from Bodemann Constr. Co., 691 48th St., 1 alley, $3,733.

Neb., Omaha — From G. Parks Constr. Co., 210 Karbach Bldg., improving Dists. 2325, 1,400 yd. paving with asphalt $2.46 per yd. asphaltic concrete $2.16 or brick $3.10, 1,200 ft. curbing $0.60, 300 cu.yd. grading $0.50, Dist. 2508, 1,433 yd. paving asphalt $2.46, asphaltic concrete $2.15 or brick $3.10, 1,204 ft. curbing $0.60 and 300 cu.yd. grading $0.50, Dist. 2705, 3,414 yd. paving asphalt $2.46, asphaltic concrete $2.16 or brick $3.10, 2,710 ft. curbing $0.60 and 800 cu.yd. grading $0.50, Dist. 2714-K, 3,416 yd. paving asphalt $2.44, asphaltic concrete $2.14 or brick $3.10, 227 ft. curbing $0.60, 800 cu.yd. grading $0.50 and Dist. 2746, 4,580 yd. paving asphalt $2.42, asphaltic concrete $2.12 or brick $3.08; from A. Gulizia, Omaha, improving alley in Dist. 2556, 1,151 yd. art stone paving $1.60, 75 cu.yd. grading $0.50; from L. S. Noble, 1944 South 12th St., alley in Dist. 2700, 1,409 yd. art stone paving $1.61 and 700 cu.yd. grading $0.40, also Dist. 2740, 1172 yd. art stone paving $1.61, 350 cu.yd. grading $0.40; from J. J. Parks, 4 Bankers Saving Bldg., alley in Dist. 2740 paving asphalt $2.68, asphaltic concrete $2.34 or brick $3.25; from J. Sherlock, 1805 Dodge St., Dist. 2746, 3,695 ft. curbing $0.58 and 1,000 cu.yd. grading $0.40.

North Dakota—State Hy. Comn., and City Council, Lidgerwood, Aug. 6, curbing, guttering and concrete paving 14,879 sq.yd. Federal Aid Project 287A, Richland Co., from W. E. Kennedy, 7 Bway., Fargo. $44,665.

Calif., San Diego—Common Council, 1½ in. asphaltic concrete on 4 in. concrete paving 478 sq.ft. Bancroft St., from G. R. Daley, 4430 Boundary St., at $0.219 per sq.ft., total $27,041. Noted July 30.

CONTRACTS AWARDED

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam surfacing 4,010 ft. highway in Rockport, to Welch & Moynihan, 15 Front St., Salem, $23,374, 6,264 ft. highway in Orange, to R. H. Newell Co., Uxbridge $57,311, 1,874 ft. highway in Avon, to Powers Bros., 161 Montello St., Brockton, $9,621; concrete and bituminous concrete surfacing 5,425 ft. highway in Arlington, to J. H. Fannon, 28 Hinckley St., Somerville, $71,538. Grand total $161,-844. Noted Aug. 20.

Mass., Boston—Dept. Pub. Wks., recut granite block paving in Eastern Ave., Battery and Bromfield Sts., here, also sheet asphalt paving Chelmsford St. and North Monroe Terrace, in Dorchester, to M. F. Gaddis, 6 Beacon St., $27,074 and $23,900 respectively. Noted Aug. 20.

R. I., Providence—Dept. Pub. Wks., bitulithic paving North Main St., to Lane Constr. Corp., 37 Colony St., Meriden, Conn., $126,165. Noted Aug. 6.

N. Y., Brooklyn — R. K. Fuller, comr. Canals & Water, Albany, paving certain portions of barge canal terminal in Gowanus Bay, here, to F. J. Gallagher, 490 Park Pl., $17,783. Engrs. est. $21,545. Noted July 16.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., to Peace Bros., Inc., 57 North Lawrence St., Flushing, grading and laying sidewalks, etc., in Rockaway Blvd., $78,795, 59th Place, $396, to J. D'Amato, Rockaway Beach, Far Rockaway Blvd., $1,634, to Uvalde Asphalt Paving Co., 1 Bway., New York City, Greenoak St., $12,752, Fremont St. $14,631, sheet asphalt paving, etc., Washington Ave., $16,190, to Welsh Bros. Contg. Co., 32 Queens Sta., Astoria, grading 59th (Holmes Ave.) Queens Blvd., etc., $14,835. Grand total $139,233. Noted Aug. 20.

N. J., Princeton—Mercer Co. (Trenton) sheet asphalt paving 1,970 ft. Witherspoon St., to New Jersey General Constr. Co., Nassau St., $26,314. Noted July 16.

N. J., Wenonah—Gloucester Co. (Woodbury)—Concrete paving 35,250 sq.yd. Wenonah-Mantua Rd., to Freehold Constr. Co., Freehold. $147,757. Noted Aug. 13.

Pa., Carbondale—Vitr. brick paving 22,-000 sq.yd. various streets, to J. Booth, Carbondale, $4.17 per sq.yd.

Pa., Ellwood City — Boro Council, vitr. brick paving 16,000 sq.yd. various streets, to F. Freshwater, Ellwood City. Noted July 16.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, to R. B. Wenner, 2313 Walnut St., paving, etc. Horrocks St. between Cottman and Napfle Sts., and Horrocks St. between Borbeck and Griffith Sts. $7,890, Smedley St. $747, to McCarrick Bros., 3138 North 24th St., Thorp Lane $5,599; to F. Marks Constr. Co., 2820 North 21st St. paving Lawndale and Palmetto Sts. $2,764, asphalt paving Dirman St. $10,997, Durard St. $9,509, Walker St. $8,601, 4th St. $7,846; to Curtis Bros., State Rd. and Unrah St., paving Mower and Strahle Sts. $13,637, and Vandike St. $201; improving Bingham, Montour, Palmetto, Reach, Robbins and Weymouth Sts. $32,214, and Mechanicsville Rd. $14,605; to Eastern Asphalt Co., Pennsylvania Bldg., asphalt paving American St. $8,645, Nippon and Wadsworth Sts. $17,996; to Barbers Asphalt Co., 230 North 30th St., Craig St. $5,196, to Union Paving Co., 30th and Locusts Sts., Diamond St. $6,790 Durfor and Fitzgerald Sts. $7,102, Granite St. $6,856, Hegerman St. $6,523, Morris St. $4,496, Sheldon St. $3,940, Wyoming St. $11,042 and 57th St. $11,629; to B. Foster Co., Inc., 20th and Venango Sts. improving Ashwood St., $8,-538; to C. G. Centrone, Jefferson Bldg., redressed granite block repaving Vine St., $1,681; to J. Zecca, 6441 Vine St., paving and repaving certain alleys in 2nd Highway Dist. E-3, $3,830; and to Atlantic Refining Co., $260 South Broad St., furnishing asphaltic cement, $14,775. Grand total $233,739.

Pa., Pittsburgh—Vitr. brick paving 30,-000 sq.yd. 8th Ave., to McCrady Bros., Braddock, $138,750.

Pa., Pittsburgh — Alleghany Co., (**e.e. means engrs. est.**) reconstructing Narrows Run Rd., Moon Twp., to McLaughlin Contg. Co., Germania, Bldg., $110,924 e.e. $125,000; Washington Rd., Lebanon Twp., to Diulus & Benintend Co., Hargrove St., $43,388 e.e. $45,000; and 8th Ave. through Homestead, West Homestead and Munhall, to McCrady Bors., Braddock, Pa., $138,750 e.e. $150,000. Grand total $293,062.

Maryland — State Roads Comn., Baltimore, concrete paving 1.08 mi. road from Barnesville towards Comus, Contr. M-60, and 2 mi. road from Laytonville towards Woodfield, Contr. M-57, to M. J. Grove Lime Co., Lime Kiln, $39,351 and $58,079 respectively, 1 mi. road along River Rd. from Potomac to Seneca, Contr. M-62, to Croson & Gruman Co., 33rd and K Sts., Wash., D. C., $30,129, 1 mi. road from Laytonville toward Claybille, Contr. M-63, to Loomis-Wetzel, 1125 14th St., Wash., D. C., $27,306, 1 mi. road from Clagettsville toward Kempton, Contr. M-59, H. H. Hershberger, 3723 Reistertown Rd., Baltimore, $25,525; macadam resurfacing 5 mi .road from end Contr. M-52 to Ashton, Contr. M-61, to Thomas, Bennett & Hunter, Westminster $78,472, all above in Montgomery Co.; sheet asphalt paving 0.16 mi. Pennsylvania Ave. from Fulton to Elgin Aves., Contr. BC-58, Baltimore Co., to Amer. Paving & Contg. Co., Montebello Ave., Baltimore, $35,761; concrete paving 1.25 mi. road from end Contr. K-26 to Crosby, Contr. K-29, Kent Co., to Kauffman Constr. Co., Denton $20,227, 0.54 mi. road through Cheapeake City, Contr. CE-49, Cecil Co., to Broad Creek Constr. Co., Elkton, $22,474. Grand total $337,324.

Md., Baltimore—Bd. Awards, improving streets listed in Contr. 295-NA, to J. J. Bresnan, Woodland Ave. $41,450.

Md., Towson—Baltimore Co., concrete paving 0.75 mi. Windsor Mill Rd. to G. Long Constr. Co. 1st Ave. and 12th St., Baltimore, $24,147.

Virginia—State Hy. Comn., Richmond, bituminous macadam surfacing 0.456 mi. approaches to Norfolk & Western R.R. tracks, Project F-118-F, to Boxley, Chisholm & Hall, Roanoke, $21,457, 2.299 mi. Faquier-Clark Co. line Rd., Project F-167-E, to W. H. Clark & Co., Charlottesville, $67,-894; concrete surfacing 2.959 mi. St. Petersburg Rd., Project F-145-E, to Allport Constr. Co., Grace-Amer. Bldg., Richmond, $91,159; grading 1.505 mi. Coeburn-Bruces Siding Rd., Project F-344-C, to W. H. Meadows, Coeburn, $35,868. Noted Aug. 6. Grand total $216,388.

West Virginia—State Hy. Comn., Charleston, to Cass & Otto, Wheeling, concrete surfacing 2 mi. Beech Bottom Rd., 18 ft., Project 3077, Brooke Co. $83,485, to Hatfield Constr. Co., 418½ 10th St., Huntington, 8.3 mi. Melissa-Salt Rock Rd., 16 ft., Project 3155, Cabell Co. $208,825, 18 mi. Charleston-Clendenin Rd., 18 ft., Projects 74, 1128, 3231 and 3206, Kanawha Co. $452,-438, and grading, etc. 5.5 mi. Chapmanville Rd., 18 ft., Project 3288, Logan Co., $99,-485; to R. L. Lipscomb & Co., Bluefield, concrete surfacing 1 mi. Landgraf Rd., 16 ft., Project 2048-B, McDowell Co. $58,308, to A. Shuttle & Co., Fairmont, 1 mi. Main St. of Ridgeley, 18 ft., Project 3309, Mineral Co. $33,130, to Tatgenhorst & Laughlin, East Liverpool, O., 1 mi. River Rd., 18 ft., Project 2067, Ohio Co. $40,366, to C. Spindlers Sons, Kingwood, 2.1 mi. Buckhannon-Clarksburg Rd., 16 ft., Project 3238-C, Upshur Co. $94,431, to Cole Bros. Constr. Co., Morgantown, 5.64 mi. Monon-

Streets and Roads (Continued)

galia Rd., Project 3272, Preston Co. $152,825; to Connell & Laub, Titusville, Pa., rein.-con. surfacing 23.5 mi. Elizabeth-Spencer Rd., 18 ft., Project 3125, 3069-B, 3067-A and B, Wirt and Roane Counties, $731,362; to P. C. Minotti Constr. Co., Logan, grading, etc. 2 mi. Bulltown-Lewis Co. line Rd., 16 ft., Project 3017-B, Braxton Co. $64,951, to Barboursville Constr. Co., Huntington, 0.5 mi. Toney-Big Creek Rd., Projects 32 and 82-C, Lincoln Co. $7,604, to H. M. Waugh, Bluefield, 1.5 mi. Williamson-Chattaray Rd., 16 ft., Project 3303-A, Mingo Co. $46,062, to R. A. Rosenbaum, East Bank, 0.42 mi. Carden-Zela Rd 16 ft., Project 3047-B, Nicholas Co. $17,769, to Kelley Constr. Co., Clarksburg, 8 mi. Hackers Valley-Cleveland Rd., 16 ft., Project 3279-B, Webster Co., $174,743; to R. B. Tyler Co., 114 South 4th St., Louisville, Ky., oil asphalt surfacing 5 mi. Middlebourne-West Union Rd., 16 ft., Project 3163, Tyler Co. $100,530, to W. H. Armstrong & Co., Fairmont, 5 mi. Northwestern Turnpike, 18 ft., Project 2121, Harrison Co., $67,879; to Dewar & Gough, Fayetteville, bituminous macadam surfacing 4 mi. Clifftop-Danese Rd., 16 ft., Fayette Co., $78,016; to Waugh & Derrick, Bluefield, grading, and gravel surfacing 2.2 mi. Ethel-Hetzel Rd., 18 ft., Project 3264, Logan Co., $54,528; to H. W. Kaylor, Romney, oil finished macadam surfacing 4 mi. Berkley Springs-Martinsburg Rd., 16 ft., Project 3030-C, Morgan Co., $126,289; to H. L. Seabright & Co., 70 43rd St., Wheeling, brick surfacing 2 mi. East Side Fulton Hill Rd., Project 2063, Ohio Co., $57,658; to Janutolo & Co., Fayetteville, limestone and Bermudez asphalt on hand knapped stone surfacing 6.2 mi. Shady Springs-Summers Co. line Rd., 16 ft., Project 142-A, Raleigh Co., $151,712; to Curtis & Rector, Ravenswood, tar macadam surfacing 11 mi. Spencer-Walton-Clendenen Rd., 18 ft., Project 3168-B, Roane Co., $399,479; to Elkins Constr. Co., Elkins, limestone and oil asphalt on hand knapped stone surfacing 5 mi. Hinton-Jumping Branch Rd., 16 ft., Project 142-B, Summers Co., $116,187; to Rosenbaum Bros., Pocahontas, oil-bound macadam surfacing 3.7 mi. Elmore-Pineville Rd., 16 ft., Wyoming Co., $110,322. Grand total $3,530,384. Noted July 16 and 24.

W. Va., Fayetteville—Fayette Co., grading and bituminous macadam paving 4 mi. Sewell Mountain Dist. Roads, to De-War & Gaugh, Fayetteville, $78,016. Noted April 30.

N. C., Clinton—Sampson Co., asphalt paving 4 mi. North Carolina Project 271, to Morgan-Hill Paving Co., Woodward Bldg., Birmingham, Ala., $42,240.

Florida—State Rd. Dept., Tallahassee, grading, etc. 71,250 cu.yd. road between Sta. 285 and 825, Project 6691B, Dade Co., to M. C. Winterburn, Inc., Jacksonville, $299,652. Noted Aug. 20.

Fla., Tampa—City, 2 in. Filbertine on 6 in. limerock paving portion of St. Louis St., to Union Paving Co., Tribune Bldg., $26,138.

Kentucky—State Hy. Dept., Frankfort, **(S.A.P. means State Aid Project, and F. A.P. means Federal Aid Project)**, grading 4 mi. Owensboro-Beech Grove Rd., S.A.P., 76-A, to G. W. Robinson, Owensboro, $31,974, 6.5 mi. Owensboro-Livermore Rd., S.A.P. 77-A, and 2.9 mi. Livermore-Central City Rd., S.A.P. 77-B, to Davies Co. Constr. Co., Owensboro, $44,414 and $12,758 respectively, all above roads 24 and 28 ft., McLean Co.; 0.7 mi. Compton-Lexington Rd., F.A.P. 141-A, Kenton Co., to Mills & Connelly, Independence, $25,372. Grand total $114,518. Noted June 18.

Ohio—Dept. Highways & Pub. Wks., Columbus, asphaltic macadam paving 0.98 mi. Sect. D, Barnesville-Bellaire Rd., Belmont Co., to Seaborn Bros., Hubbard $27,650, 3.257 mi. Sect. B, Swanton-Metamora Rd., Fulton Co., to C. M. Gray, Waterville, $75,741; water-bound macadam paving 2.39 mi. Sect. G-I, Defiance-Delphos Rd., Defiance Co., to Baluser & Schultze, Paulding $26,873, 2.804 mi. Sect. L, Upper Sandusky-Bellevue Rd., Wyandot Co., to G. R. Stinchcomb, Columbus, $40,372; concrete paving 4.328 mi. Sect. I, Cambridge-New Comerstown Rd., Tuscarawas Co., to W. M. Brode Co., New Comerstown $178,147, 2.987 mi. Sect. A, Stone Creek-New Comerstown Rd., Tuscarawas Co., to Holmes Constr. Co., Wooster, $119,447; rein.-con. paving 2.21 mi. Sect. "Marblehead," Port Clinton-Marblehead Rd., Ottawa Co., to Modern Constr. Co., Fremont, $63,244; sandstone paving Sects. N, O and P, Pomeroy-Marietta Rd., Meigs Co., to W. J. Hayes, Albany, $41,100; delivering gravel, Sects. B, C and D, Ironton-Gallipolis Rd., Gallia Co., to Huntington Transfer Co., Huntington, W. Va., $14,500, 4.43 mi. Sects. I and J, Columbus-Millersburg Rd., Holmes Co., to Markley, Kleinknecht & Gorsuch, Coshocton, $7,560, 7.9 mi. Sects. B and C, Newark-Coshocton Rd. Muskingum Co., to Cole Bros., Van Lere, $19,600. Grand total $614,234.

Ohio — Dept. Highways & Pub. Wks., Columbus, to Gibson & Bigsbee, Kensington, grading 219 mi. Sect. A Cadiz-Carrollton Rd., Carroll Co., $22,987, to Lewis & Copeland, Lima, concrete paving 0.551 mi. Sect. B-I Mt. Vernon-Coshocton Rd., Coshocton Co. $27,754, 1.783 mi. Sect. B-4 same road $46,495, 1.061 mi. Sect. B-2 same road $32,796; to Merkle Bros., Mansfield, rein.-con. paving 4.898 mi. Sect. E and Columbus-Newark Rd., Licking Co., $136,031. Grand total $286,023. Noted July 23.

O., Akron—W. F. Peters, Dir. Pub. Serv., **(e.e. means engrs. est.)** improving Shaw Ave., et al, 2,680 lin.ft., concrete gutters, 95,000 sq.ft. 4 in. concrete sidewalks, 17,300 cu.yd. earth excav., 4,600 cu.yd. cinders, to M. Kalain, 573 Wilson St., $37,141 e.e. $48,300; Gridley Ave., 2,380 sq.yd. vitr. brick, 1,420 lin.ft. stone curbing, 3,500 sq.ft. 4 in. concrete sidewalks, 1,300 cu.yd. earth excav., etc., to Hollinger & Davidson, 435 South Bway., $14,981 e.e. $18,000; installing boulevard street lighting system on Elmdale Ave., et al., 50,650 lin.ft. armored cable, 3,400 lin.ft. conduit, etc., to Collier Constr. Co., 71 Euclid Bldg., Cleveland, $37,804 e.e. $43,000. Grand total $89,926. Noted Aug. 20.

O., Cincinnati—Director Pub. Serv., bituminous macadam paving, etc. 20,000 sq.yd. Ludlow Ave., to Scully-Brehm Co., Atlas Bank Bldg., $206,081, engrs. est. $246,789; and granite block paving, etc. 14,000 sq.yd. Public Landing, to Cino Constr. Co., 221 West 9th St., $73,132, engrs. est. $75,000. Noted Aug. 20.

O., Cleveland—Improving East 146th St., 15,830 sq.yd. sheet asphalt 7,890 lin.ft. stone curbing, 8,330 lin.ft. 4 in. drain tile guttering and 7,330 cu.yd. earth excav., also improving Ferris Ave., to Highway Constr. Co., West 112th St. and Madison Ave., $85,565 and $23,265 respectively; Cedar Ave., 22,530 sq.yd. sheet asphalt, 15,200 lin.ft. stone curbing, 14,125 lin.ft. 4 in. drain tile guttering, 9,200 cu.yd. earth excav., to Rieley Bros., The Arcade, $170,997; Carlos Ave., 4,700 sq.yd. sheet asphalt, 3,130 lin.ft. stone curbing, 3,200 lin.ft. 4 in. drain tile guttering, 2,050 cu.yd. earth excav., and Gasper Rd., to W. E. McHugh, West 73rd St. and Wheeling & Lake Erie R.R., $25,821 and $10,509 respectively; Ivanhoe Rd., Ingleside, Brackland, Colonial, Daniel, Grovewood and Glenco Aves., 2,000 sq.yd. vitr. brick, 15,570 sq.yd. asphaltic concrete, 11,933 lin.ft. stone curbing, 12,356 lin.ft. 4 in. drain tile guttering, 9,550 cu.yd. earth excav., to Gould & Maybach, 16311 Saranec Rd., $116,390; improving Bancroft Ave., to Garland Bros., 5806 Franklin Ave. $55,326; Clermont Ave., to H. G. Herring, Wayside Rd. $36,054, Forman and Indiana Aves., to Enterprise Paving & Constr. Co., 8444 Bway., $10,164 and $16,500 respectively. Grand total $964,764. Noted July 23.

O., Cleveland—Cuyahoga Co., concrete paving 25,660 sq.yd. Wallings Rd., to Ohio Contg. Co., Hunkin-Conkey Bldg., $109,995.

O., Garfield Heights (Cleveland P. O.)—To Baldwin Bros., 4500 Euclid Ave., Cleveland, vitr. brick paving East 86th St. $44,755, East 88th St. $38,333, East 90th St. $45,093, and East 93rd St. $27,387. Grand total $155,568.

Michigan—State Hy. Dept., Lansing, to G. P. Scharl, Muskegon, grading and concrete paving 3.962 mi. Federal Aid Project 113 Sect. E2 approximately $118,860, 3.376 mi. Federal Aid Project 113, Sect. E1 $101,280, 1.124 mi. State Trunk Line 16-28, Sect. A approximately $33,720, all Ionia Co., to M. J. Bacco, Iron Mountain, 0.663 mi. State Trunk Line 69-3A1 $22,418, 1.043 mi. State Trunk Line 12-15 B and 12-42, Sect. C $34,206, both in Iron Co., to J. R. Edelman, Muskegon, 1.015 mi. State Trunk Line 54-15, Sect. B, Muskegon Co. $34,389, to Whitlon & Hobeck, Muskegon, 2.634 mi. State Trunk Rd. 54-16, Newaygo Co. $69,714, to J. W. Baker, Port Huron, 1.63 mi. State Trunk Line 19-24, Sects A and C, St. Clair Co. $90,255; to Montcalm Co. Rd. Comn., Stanton, grading and graveling 5.71 mi. State Trunk Line 43-11 A and B $47,878, 5.375 mi. State Trunk Line 43-5, Sects. B and C $51,376. Grand total $604,096. Noted July 30, Aug. 6 and 20.

Michigan — State Hy. Dept., at office Comrs. Ingham Co., Mason, curbing, guttering and concrete paving 0.341 mi. Federal Aid 100, Sect. C, to A. M. Bartling, Alma, $24,901. Noted Aug. 20.

Mich., Springwells — To United Road Constr. Co., Union Trust Bldg., Detroit, improving Horger Ave., 10,002 sq.yd. concrete paving at $2.37 per sq.yd., 5,799 lin.ft. concrete curbing $0.68, 5,450 cu.yd. excav. $0.65, total $35,415, Neckel Ave., 8,935 sq.yd. concrete paving 5,349 lin.ft. concrete curbing 4,235 cu.yd. excav $32,832, Calhoun Ave., 8,846 sq.yd. concrete paving 5,545 lin.ft. concrete curbing, 4,360 cu.yd. excav. $32,432, Orchard Ave., 6,806 sq.yd. concrete paving 3,855 lin.ft. concrete curbing, 2,790 cu.yd. excav., $22,291, Hartwell Ave., 6,506 sq.yd. concrete paving 3,937 lin.ft. concrete curbing, $23,354. Grand total $146,324. Noted Aug. 7.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, paving Route 16, Sect. 24, Montgomery Co., to W. C. Johnson, Belleville $15,095, Route 23, Sect. 30 DeKalb Co., to Henkel Constr. Co., Mason City, Ia., $145,425, Route 8, Sect. 40, Knox Co., to Central Eng. Co., Putnam Bldg., Davenport, Ia., $106,168; grading Route 1, Sect. 43-A, Saline Co., to McMann & Huffman, Murphysboro $18,941, Route 8, Sect. 42-A, Knox Co., to Wiseley & Son, Sheffield $30,384, and Route 8, Sect. 50-A, Tazewell Co., to E. W. Rocho, Freeport, $47,206. Grand total $362,219. Noted Apr. 2, June 18 and Aug. 6.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, paving Route 30, Sect. 6, Stark Co., to H. A. Reschke Constr. Co., Geneseo $13,090, Route 1, Sect. 7-X, Edwards Co., to R. A. Baum, Peoria, $10,258, Route 3, Sect. 1, Morgan Co., to J. H. Hutchison Co., Casey $116,681, Route 8, Sect. 40, Knox Co., to Central Eng. Co., Putnam Bldg., Davenport, Ia. $18,811, Route 4, Sect. 430, Du Page and Cook Counties, to R. F. Conway Co., 844 Rush St., Chicago $292,382, Route 3, Sect. 2, Cass and Morgan Counties, to Divine Constr. Co., Papineau $99,619, Route 18, Sect. 15-X, De Kalb Co., to Trompeter & Sons, Peru $4,434, Route 31, Sect. 6, Lake Co., to Darrow & Barron, Waukegan, $7,163; Route 36, Sect. 2, Hancock Co., and grading Route 9, Sect. 30-A, Hancock Co., to Cameron, Joyce & Co., Keokuk, Ia., $102,846 and $16,131 respectively; grading Route 12, Sect. 1-A, Lawrence Co., to W. T. Bland, Effingham, $16,642, Route 8, Sect. 45-A, Knox Co., to Wiseley & Son, Sheffield, $18,279, Route 31, Sect. 18-A, Fulton Co., to E. P. Olson, 2901 Monterey St., St. Joseph, Mo., $92,883, and Route 13, Sect. 12-D, Jackson Co., to Hamilton-Hoffman Constr. Co., Carbondale, $12,663. Grand total $821,882. Noted Apr. 2, May 28 and June 18.

Wisconsin—State Hy. Comn., at Office 1, Capitol Annex, Madison, grading and gravel surfacing, etc. 10,680 cu.yd., Portage-Waupun Rd., Federal Aid Project 419-A, Columbia Co., to Balmet & Son, Clear Lake, Ia., $35,443. Noted Aug. 13.

Wisconsin — State Hy. Dept., Madison, improving Black River Falls-Augusta-Eau Claire Rd., Federal Aid Project 395-A, Jackson Co., 37,601 cu.yd. earth and 1,650 cu.yd. solid rock excav., 22,947 cu.yd. borrow, etc., to P. J. Hoffman, Black River Falls, $51,516; and constructing Merrillan Bridge on above road, to Wausau Iron Wks., Wausau, $18,303.

Wis., Milwaukee—Dept. Pub. Wks., to J. C. Bluhm & Son, 1299 Achilles Pl., vibrolithic concrete paving Atkinson Ave. and 10th St. $48,245, Vliet St. $17,556, and concrete paving 1 alley $2,393; to A. E. Retzlaff, 868 Island Ave., vibrolithic concrete paving Fond du Lac Ave., $8,153; to Bodemann Constr. Co., 691 48th St., concrete paving 2 alleys $4,551, to Schwerm Bros., 50 Lee St., 1 alley $2,687, to Ryback & Sadowski, 1092 2nd Ave., 1 alley $3,344. Grand total $86,929. Noted Aug. 20.

Wis., Milwaukee—Dept. Pub. Wks., asphalt resurfacing Farwell and Newport Aves., to Badger Constr. Co., 97 Wisconsin St., $23,658 and $10,588 respectively; also 27th St., to White Constr. Co., 68 Wisconsin St., $10,061. Grand total $44,307. Noted Aug. 13.

Wis., Milwaukee—Dept. Pub. Wks., concrete paving, etc. Hawley Rd., etc., to N. Harris, 417 Juneau Pl., $3,253, 3 alleys, to C. H. Slattery, 584 71st Ave., $12,284, 1 alley each, to Bodemann Constr. Co., 691 48th St., $1,853, to Parkinson Constr. Co., 322 27th St. $1,664, to Ryback & Sadowski, 1092 2d Ave., $1,593, to J. Bluhm & Son, 1298 Achilles Pl., $436; 7 in. vibrolithic concrete paving 27th Ave. between Burnham St. and Lincoln Ave., to R. H. Gumz, 831 13th Ave., $21,850 and Pabst Ave. between 28th and Western Aves., to Kroening Constr. Co., 39th Ave., and Mitchell St., $9,741. Grand total $53,674. Noted Aug. 20.

Wis., Rhinelander — A. Moe, city clk., sheet asphalt paving 21,000 sq.yd. various streets, to Bridge & Constr. Co., Wabash, Ind.

Ia., Boone—Boone Co., grading 12.194 mi. road through Boxholm, to W. Dutton, Boone $28,132, road north of Boxholm, to M. Munson, Boone, $4,275; 6 and 10 in. tile, to E. H. Hoglum, Ogden, $920; 15 concrete box culverts and extensions, to B. Cole, Ames, $3,900. Noted June 4.

Streets and Roads (Continued)

Ia., Vinton—Benton Co., improving 10.17 mi. Federal Aid Project 233, 118,346 cu.yd. excav., 147,400 yds. station overhaul and 240 ft. 15 in. and 180 ft. 18 in. culvert pipe, to Shirley Constr. Co., Omaha, Neb.; 2,500 ft. 6 in. tile drain, to A. Thompson, Vinton, at $0.12 per ft.; 37 culverts and 1 deck girder bridge, to Vinton Eng. & Constr. Co., Vinton, $14,169.

Minn., Moorhead—R. G. Price, city clk., concrete paving 6.5 blocks 1st Ave. W. and 10th St., to W. E. Kennedy, 7 Bway., Fargo, N. D. $33,000. Noted June 25.

Kan., Hutchinson — City, 2 in. asphaltic concrete surfacing 10th Ave. from East Main to Plum Sts., to J. H. Shears & Sons, 32 Hoke Bldg., $25,825; curbing and guttering above street and asphaltic concrete surfacing alley east of Main St. from 16th to 17th Sts., to J. L. Rayl Constr. Co., 128 West 13th Ave., $2,163 and $1,015 respectively. Grand total $29,030.

Kan., Wichita—City, 6 in. concrete surfacing 11,335 sq.yds. Ellis, English, Elm, Handley, Kansas and Oak Sts., to Globe Constr. Co., 1069 North Water St.; sheet asphalt surfacing 3,039 sq.yd. Exposition and 19th Sts. and asphaltic concrete surfacing 23,217 sq.yd. Lincoln, Park and 12th Sts., to H. T. Ritchie, Box 831.

Mo., Clinton — Grading, curbing and vibrated concrete paving, etc. 8 blocks East Green and East Grand Sts., 24 ft., to Reed & Wheelock, Clay Center, Kan. Noted Aug. 20.

Mo., Joplin—Grading, curbing, one course concrete paving, etc. 16,000 sq.yd. 7th St., 24 ft., to Dubois & Co., Pittsburg, Kan., at $1.75 per sq.yd.

Mo., St. Louis—Dept. Pub. Wks., 208 City Hall, concrete paving alleys in City Blocks 1266, 2906, 2928, 2968 and 3070, to Eyermann Constr. Co., 1216 South Grand Ave., $11,382; in City Blocks 4391B, 5011, 5012E, 5012W and 5571, to Skrainka Constr Co., Security Bldg., $15,418; and alleys in City Blocks 5280, 5218, 5558, 5561 and 5292, to Perkinson Bros. Constr. Co., 3237 Carter St., $15,533; concrete sidewalks on various streets, to T. E. Cavanagh, 6424 Oakland Ave., $10,309, and F. A. Stiers, 4500 Enright Ave., $2,871. Grand total $55,513. Noted July 23.

Mo., Sedalia—City, gravel surfacing 2.75 mi. Quisenberry Rd., to J. M. Mawhorter, Sedalia, at $0.95 per yd.; 1 mi. East 16th St., to Bertan & Menefee, Sedalia, at $1.24; and 1.5 mi. State Fair Blvd., to Dejarnett & Schrader, Sedalia, at $1.25 per sq.yd.

Mo., Webb City—Concrete paving Bway., Main and Jefferson Sts., to Dubois Constr. Co., Pittsburg, Kan., $33,039; and amiesite paving Daugherty, 2nd, Liberty and Webb Sts., also Madison St., to Independent Gravel Co., Spiva Bldg., Joplin, $21,018 and $13,877 respectively. Grand total $67,934.

Arkansas—State Hy. Dept., Little Rock, grading, gravel surfacing, etc. 14,529 cu.yd. Federal Aid Project 205-A, Greene Co., to Tolbert Bros., Gladden, Mo., $64,807; and 93,475 cu.yd. Federal Aid Project 225-A, Union Co., to Tarrant & Miles, Eldorado, $88,814. Noted July 23.

Tex., Alpine — State Hy. Dept., Austin, will pave with asphalt 17 mi. road out of Alpine toward Marathon, $150,000; also 2 mi. Alpine-Marfa Rd., $35,000, both 18 ft., in Brewster Co., by day labor. Address H. P. Henning, Highway Div. 6, Alpine, engr.

Tex., Brownsville—Cameron Co. concrete paving 6,000 ft. San Benito & Rio Hondo Rd., 18 ft., to Dodds & Wedegartner, San Benito, approximately $30,000.

Tex., Cleburne — Johnson Co., 1 in. inverted penetration bituminous surfacing 158,467 sq.yd. State Highway 2, Federal Aid Project 20-B, and 115,866 sq.yd. State Highway 2-E Federal Aid Project 320 to Fuller Constr. Co., Western Indemnity Bldg., Dallas, $76,233 and $60,198 respectively. Engrs. est. $95,000 and $70,000 respectively. Noted Aug. 6.

Tex., Henrietta — Clay Co., clearing, grubbing, grading roadway and constructing bridges and concrete structures over 20 ft. span on State Highway 50, Federal Aid Project 449-B, to Tibbetts Constr. Co., Joseph Bldg., Fort Worth, $52,874. Engrs. est. $61,057.

Tex., Houston—Surfacing 10,000 yd. Calumet Dr. from Chenevert St. to Riverside Terrace, to Gulf Bitulithic Co., 801 Bankers Mortgage Bldg., Houston, $27,000. Engrs. est. $30,000. Noted Aug. 6.

Tex., Panhandle — C. E. Deahl, mayor, grading, curbing and 3 in. vitr. brick on 5 in. concrete surfacing 15,000 yd. various streets, to Panhandle Constr. Co., Lubbock, $45,652.

Tex., Port Arthur—J. P. Logan, mayor, permanent paving 11 blocks Concord Rd., Spruce, Gulf and Live Oak Sts., to Uvalde Rock Asphalt Co., Frost Natl. Bank Bldg., San Antonio, approximately $70,000.

Oklahoma — State Hy. Dept. Oklahoma City, grading, curbing and concrete surfacing 31,745 sq.yd. Shawnee-Tecumseh Rd., Pottawatomie Co., to Dougherty, Nichols, Wiggins Co., Manhattan Bldg., Muskogee, $19,780, engrs. est. $90,000; concrete surfacing 64,841 sq.yd. Blackwell-Tonkawa Rd., Kay Co., to T. E. Hansen, Newkirk, $140,000, engrs. est. $175,000. Noted Aug. 6.

Okla., Chickasha—Grading, curbing and asphalt on concrete surfacing various streets in Dists. 32 and 33, to I. E. Hanson, Newkirk, $48,869 and $98,885 respectively. Noted July 9.

Colo., Denver — Dept. Impvts. & Parks, (e. e. means engrs. est.) asphalt paving 12 blocks South Capitol Hill Paving Dist. 4, to Allied Contractors, 411 Majestic Bldg., $39,984, e. e. $40,000; Dist. 8 and Capitol Hill Paving Dist. 31, to New Mexico Constr. Co., 4080 Galapago St., $35,408 and $36,861 respectively, e. e. $40,000 each; South Capitol Hill Paving Dist. 9, to Levy Constr. Co., 630 Symes Bldg., $34,738, e. e. $40,000; Dist. 10, to Western Paving Constr. Co., 5230 Washington St., $66,439, e. e. $68,000. Grand total $213,430. Noted Aug. 6.

Idaho—Commissioner Pub. Wks., at office P. B. Wilson, dist. engr., Pocatello, grading gravel surfacing, etc. 1,020 cu.yd. Grace-Preston Highway, State Project 93, and 5,115 cu.yd. Grace-Preston Highway, State Aid Project 94, both in Bannock Co., to P. A. Cutler, Pocatello, $4,350 and $13,148 respectively.

Nevada—State Hy. Dept., Carson City, grading, etc. 2.54 mi. Sparks-Vista Rd., Federal Aid Project 65-B, Washoe Co., to Tieslau Bros., Berkeley, Calif., $43,374. Noted July 16.

Wash., Everett—City Council paving, etc. Pacific Ave., between Bway. and Pine St., to Miley & Fox, Everett, $58,750. Engrs. est. $60,000. Noted Aug. 13.

Wash., Mt. Vernon—Comrs. Skagit Co., clearing, paving, etc., 1.5 mi. La Conner Rd., 18 ft. to Blackmore Transfer Co., Mt. Vernon, $53,550.

Oregon—State Hy. Dept., Salem, grading 12.56 mi. Santram Highway, Linn Co., to Keffert & Bartlett, Portland, $97,030; 23.2 mi. Unit 3, Burnett Hill Sect. Roosevelt Highway, Curry Co., to J. W. Sweeney, 155 Kingston St., Portland, $224,310, Unit 2, to Englehart Paving & Constr. Co., Eureka, Calif., $105,915, Units 1 and 4, to Barnes & Barnes, Dayton, $289,211 and $302,168 respectively. Grand total $1,038,634.

Ore., Shorewood — C. C. Durkee, engr., Spalding Bldg., Portland, concrete paving etc. 25 blocks various streets, here, to Andrews Constr. Co., Bway. Bldg., Portland, for City. $28,798.

California—State Hy. Comn., Sacramento, 4 mi. concrete and 5.8 mi. asphaltic macadam paving road between Newport Beach and Laguna Beach, Orange Co., to Kavanaugh & Twohy, Los Angeles, $195,165; gravel and stone surfacing 6.9 mi. road between Holtville and East High Line Canal, Imperial Co., to N. B. Conway, Yuma, Ariz. $97,250; concrete paving 1.9 mi. road between Philadelphia St. and Michigan Ave., Whittier, Los Angeles Co., to J. P. Benson, 943 Windsor St., Los Angeles, $82,832. Grand total $375,247. Noted July 23 and Aug. 30.

Calif., San Diego — Common Council, grading, curbing, sidewalks, and asphaltic concrete paving 57,009 sq.ft. Moore St., to G. R. Daley, 4430 Boundary St., $48,438. Noted Aug. 20.

Calif., San Diego—Common Council, 1½ in., asphaltic concrete on 4 in. concrete paving 123,478 ft. Bancroft St., to G. R. Daley, 4430 Boundary St., $27,042. Noted July 30.

Ontario—Dept. Pub. Wks., Parliament Bldgs., Toronto, installing field tile from 2 mi. west of Warwick, west, Contr. 1263 and from Shedden westerly, Contr. 1264 to Ontario Farmers Drainage Co., Dundas St., London, $15,000 and $70,000 respectively, 6 mi. Romney Twp., Wheatley E. Contr. 1265, to A. E. Jupp Constr. Co., 170 Berkeley St., Toronto $15,000, 3 mi. Talbot Rd., Orford Twp., Contr. 1266, to H. Hallett & Sons, Camber $9,000, 5 mi. Longwoods Rd., Rochester and West Tilbury Twp., Contr. 1267, to W. L. Macoim, Kingston, $15,000; 3 concrete culverts at Carp, Contr. 1262, to Ontario Bridge Co., Crown Office Bldg., Toronto, $10,000. Grand total $129,000.

Ont., Chippawa—Sheet asphalt on concrete paving Cummings Sq., Main and Bridgewater Sts., to Brennan Constr. Co., 100 Melrose Ave., Hamilton. Engrs. est. $75,000.

Ont., Timmons—Grading, curbing, guttering and asphaltic concrete on concrete paving approximately 9,500 sq.yd. various streets, to Warren Bituminous Paving Co., 54 University Ave., Toronto, $40,000. Noted July 22.

Ont., Windsor—Cement paving Janette Ave. and Brant St., to S. P. West, Sandwich. Engrs. est. $35,000. Noted Aug. 6.

B. C., Vancouver — Warrenite bitulithic resurfacing 15,000 sq.yd. Hastings, Alexander, Beatty and Water Sts., to Columbia Bitulithic Co., 402 Peuder St. W., $45,629. Engrs. est. $50,000.

Buildings—Industrial

PROPOSED WORK

Mass., Cambridge (Boston P. O.) — CANDY FACTORY — Daggett Chocolate Co., 35 Lewis Wharf, Boston, having preliminary plans prepared 2 story, brick and steel, Main St., here. $45,000. Private plans.

N. J., Newark—WAREHOUSES, MILLS, ETC.—Sears, Roebuck Co., Arthington and Homan Sts., Chicago, Ill., plans 5 story, 108 x 200 ft. brick warehouse, 40 x 160 x 400 ft., and 18 x 120 x 400 ft. lumber sheds, 100 x 200 ft. planing mill, 12 ft. high, 120 x 350 ft. shop and mill work factory, 120 x 480 ft. ready cut factory, 120 x 350 ft. portable house factory, 12 ft. high, also about 2 mi. railroad track and 2 mi. concrete paving, here. $1,500,000. F. H. Cline, mgr. Lumber Dept.

Pa., Aspinwall (Pittsburgh P. O.)—SHOP—J. F. Casey Co., making plans 1 story, 72 x 100 ft., steel and timber shop addition. Private plans. Work will probably be done by day labor.

Pa., Johnstown—WAREHOUSE—Swope Bros., Locust and Feeder Sts., having plans prepared by S. Richards, Metropolitan Bldg., Akron, O., 4 story and basement, 39 x 130 ft., brick and steel, Main St. $100,000.

Pa., New Brighton—CHEMICAL FACTORY—Standard Sanitary Mfg. Co., Bessemer Bldg., Pittsburgh, having preliminary plans prepared by B. H. Prack, Martin Bldg., Pittsburgh, 5 story and basement, 30 x 50 ft., rein.-con. addition, Beaver Co., here. $50,000.

Md., Baltimore — PLANT — Flynn & Emrich Co., 305 North Holliday St., having plans prepared 1 story, 100 x 260 ft., rein.-con. and brick, plain foundation, 25th St. between Caton and Garrett Aves. $125,000. W. S. Austin, Maryland Trust Bldg., engr. Noted June 25.

N. C., Raleigh—ELECTRIC CAR BARN, SHOP, etc.—Carolina Power & Light Co., P. A. Tillery, gen. mgr. North West St., plans 1 story, electric car barn, shop and garage, brick. $86,000.

Fla., Jacksonville—FOUNDRY and MACHINE SHOP—C. L. Camps Co., 1224 East Adams St., plans foundry and machine shop, 8th St., in Glen Myra subdivision.

Ala., Birmingham—SHOPS—Amer. Cast Iron Pipe Co., Acipco St., having plans prepared additions to shops, making daily output 500 tons pipe. $400,000.

Tenn., Chattanooga—FOUNDRY, etc.—Crane Enamelware Co., 1316 Chestnut St., plans foundry and grinding building. $200,000.

Tenn., Lenoir City—STEEL SHOP—Lenoir Car Wks. Co. plans rebuilding steel shops, recently destroyed by fire. Loss $500,000. Z. B. Wilson, mgr.

O., Akron—FACTORY—General Tire & Rubber Co., East Akron, plans 3 story and basement, 60 x 160 ft. addition. $200,000-$250,000.

O., Akron—RUBBER FACTORY—Goodyear Tire & Rubber Co., East Market St., plans 5 story and basement, rein.-con. and brick addition, Kelly Ave. $750,000.

O., Ashland—PLANT—F. Myers & Bro. Co., P. A. Myers, pres., having plans prepared by Lockwood, Greene & Co., Hanna Bldg., Cleveland, 5 story, 70 x 180 ft., brick, steel and concrete plant. $300,000.

O., Cleveland—SHOP—J. J. Klein, c/o Lehman-Schmitt Co., archts., Hunkin-Conkey Bldg., had plans prepared 1 story, 63 x 99 ft., brick and steel, East 46th St. and Carnegie Ave. $40,000. Great Lakes Motor Co., East 46th St. and Carnegie Ave., lessee.

O., Cleveland—STORAGE MACHINE SHOP—Grabler Mfg. Co., W. S. Bayer, secy., 6565 Bway., had plans prepared by Christian, Schwarzenberg & Gaeda, 1900 Euclid Bldg., 6 story, 60 x 220 ft., brick, steel and concrete, Bway. $300,000.

O., Columbus—SALES and SERVICE STATION—F. H. Lawwell Co., 1170 Mt. Vernon Ave., having plans prepared and

Buildings—Industrial (Continued)

soon takes bids 2 story, 66 x 144 ft., brick, concrete and steel, St. Clair and Mt. Vernon Aves. $65,000. Private plans.

O., Youngstown — STORAGE — Youngstown Ice & Fuel Co., 27 East Rayen Ave., plans large storage addition to crystal ice plant. $100,000.

Ind., Indianapolis — FOUNDRY, etc. — Symons Bros. Co., having plans prepared 1 story, 150 x 860 ft. milling plant and 60 x 100 ft. foundry, brick and steel. Lamboy Co., 3005 Plankinton Bldg., Milwaukee, Wis., engr.

Wis., Two Rivers—GAS PLANT—Wisconsin Pub. Serv. Co., 559 Marshall St., Milwaukee, plans 2 story gas plant, here.

Neb., Spencer — POWER PLANT — See "Dams."

Mo., Kansas City—FACTORY—Shephard & Wiser, archts., R. A. Long Bldg., preparing revised plans and soon takes bids 4 story and basement, 70 x 245 ft., rein.-con., plain foundation, 26th and Pennsylvania Sts., for Carnie-Goudie Mfg. Co., 22nd St. and Grand Ave. Noted July 2.

Mo., Kansas City — FLOUR MILL — Washburn-Crosby Milling Co., Chamber of Commerce Bldg., Minneapolis Minn., plans 6,000 bbl. capacity mill, Chestnut and Guinotte Aves. Engineer and architect not selected.

Mo., St. Joseph—SUB-STATION — St. Joseph Ry., Light, Heat & Power Co., 6th and Francis Sts., plans sub-station, here, $150,000. J. Barfield, St. Joseph, engr.

Mo., St. Louis—SHOE POLISH FACTORY—Barton Mfg. Co., 311 South 13th St., Waco, Texas, purchased 172 x 229 ft. site and plans 2 story and basement, rein.-con. factory, Brown and Kingshighway Sts., here. $100,000.

Ark., North Little Rock—ICE PLANT—Standard Ice Co. plans 50 ton ice plant.

Ark., Stuttgart—ICE PLANT—Arkansas Light & Power Co., Pine Bluff, plans enlarging ice plant, here. $50,000.

Texas—FACTORY—See "Unclassified."

Tex., Gonzales—POWER PLANT, etc.—Middle West Utilities Co., J. B. Martin, mgr., Frost Bldg., San Antonio, making plans 40 x 60 ft., rein.-con. and brick power plant addition and rein.-con. dam, three 500 hp. wheels, etc., $35,000 or more; also 30 ton ice and filter plant. $45,000. M. J. Mozart, Frost Bldg., San Antonio, engr.

Tex., New Braunfels — ELECTRIC PLANT—Comal Power Co., c/o San Antonio Pub. Serv. Co., 201 North St. Marys St., San Antonio, plans new power plant, here. $3,000,000. Private plans.

Tex., San Antonio — PLANT — Foulds Milling Co., 525 5th Ave., purchased plant of Lion Brand Produced Co., South Flores St., here, and plans enlarging same. $100,000. Private plans.

Tex., Victoria—STEAM GENERATING PLANT—Middle West Utilities Co., Frost Bldg., San Antonio, plans converting electric light plant into steam generating unit of the company's Guadalupe Valley properties. $400,000. C. A. Medberry, c/o owner, engr.

Okla., Tulsa — MACHINE PLANT — Blackgold Machine & Mfg. Co., Box 824, R. F. D., Foster, plans 4 plant buildings.

Okla., Tulsa—BLEACHING and DYEING PLANT—Sand Springs Cotton Mills, Sand Springs plans bleaching plant and raw fibre dyeing plant, here. $350,000 and $75,000 respectively.

Alb., Calgary—FLOUR MILL—Spillers Canadian Milling Co., Ltd., soon takes bids flour mill. $800,000.

BIDS DESIRED

Mass., Boston — MANUFACTURING — Salada Tea Co., 155 Berkley St., taking bids 9 story and basement, 100 x 170 ft., brick and steel manufacturing building and office addition, Berkley St. Densmore, LeClair & Robbins, Park Sq. Bldg., archts.

Mass., Cambridge (Boston P. O.) — FACTORY — New England Confectionery Co., 253 Summer St., Boston, taking bids 6 story 450,000 sq.ft. floor space, rein.-con., brick and steel, plain foundation, Massachusetts Ave. and Landsdown St. $1,000,000. Lockwood, Greene & Co., 24 Federal St., Boston, archts.

Mass., West Boylston—FACTORY—See "Contracts Awarded."

Mass., West Newton (Ind. br. Boston)—REPAIR and SERVICE GARAGE — J. Rooney, 515 Waltham St., taking bids 2 story, 50 x 50 ft., concrete block repair and service garage. $40,000. Private plans.

Pa., Latrobe—STEEL PLANT—Latrobe Electric Steel Co., taking bids 1 story, 60 x 400 ft., brick and steel addition. $100,000. Private plans.

Pa., Phila.—MANUFACTURING—Sept. 10, by Ballinger Co., archts., 12th and Chestnut Sts., 1 story and basement, 119 x 225 rein.-con. and brick addition, plain foundation, Roberts Ave. and Kingshighway, for Atwater-Kent Co.

Pa., Pittsburgh — Bar Bending Plant — See "Contracts Awarded."

Pa., Pittsburgh — PLANT — Cruikshank Bros., Preble Ave., taking bids 3 story, concrete, brick and steel addition, Preble Ave. A. M. Bowman, Bessemer Bldg., engr.

O., Cleveland — ELECTRIC SUB-STATION and SWITCH HOUSE—Aug. 28, by Cleveland Electric Illuminating Co., R. Lindsay, pres., Illuminating Bldg., 1 story, 56 x 106 ft., brick and concrete, sub-station, Clarence and Athens Aves., $75,000; and 1 story, 36 x 168 ft., brick, steel and concrete switch house, East 70th St., $60,000. E. G. Cook, c/o owner, archt.

Ind., Indianapolis—LAUNDRY—Kraus Laundry Co., taking bids 3 story and basement, 47 x 116 ft., concrete and steel laundry. $100,000. Vonnegut, Bohn & Mueller, Indianapolis Trust Bldg., archts.

Ill., Chicago—SWITCH HOUSE—Sept. 10, by Holabird & Roche, archts., 105 South Michigan Ave., 4 story, 80 x 96 x 223 ft., brick and steel, 1st St. and Chicago River, for Commonwealth Edison Co., 72 West Adams St.

Ill., East St. Louis—COOPERAGE—See "Contracts Awarded."

Wis., Milwaukee—PRINTING PLANT—Weber Printing Co., 427 11th Ave., taking bids 1 and 2 story, 50 x 150 ft., brick and timber, plain foundation, Winnebago St. $40,000. R. E. Oberst, 128 Grand Ave., archt.

Wis., New Richmond—CANNERY—See "Contracts Awarded."

Wis., Racine—DAIRY PLANT—Sept. 1, by H. W. Voelz, archt., 373 Bway., Milwaukee, 2 story and basement, 56 x 77 ft., brick and concrete, plain foundation, here, for Progressive Dairy Co., 1214 Lathrop Ave. $50,000. Noted Aug. 20.

Wis., Shawno—SAW MILL—See "Contracts Awarded."

Mo., Kansas City—FACTORY—See "Contracts Awarded."

Calif., Los Angeles—FACTORY, etc.—Sunset Silk Hose Mills, F. B. Norman, mgr., 423 Grosse Bldg., taking bids 2 story, 70 x 135 ft. factory, 1 story, 33 x 64 ft. dyeing room, and 1 story, 30 x 38 ft. boiler house, San Fernando Rd. near Edwards St. $80,000. M. H. Merrill & Co., 615 Laughlin Bldg., engrs.

CONTRACTS AWARDED

Mass., Boston—REPAIR and SERVICE GARAGE—Francis Badger Motor Co., 279 Bway., Chelsea 1 story, 11,000 sq.ft. floor space, brick and steel, Bway. and Carson St., to J. Greenwood, 101 Tremont St. Archts. est. $50,000. Noted July 23.

Mass., West Boylston—FACTORY—Worcester Concrete Block Co., c/o F. A. MacNiven, archt., 368 Main St., Worcester, will build 1 story, concrete block factory, by day labor. $40,000.

R. I., Providence—SHOP, STORAGE and GARAGE — Providence Gas Co., Turks Head Bldg., 2 and 3 story, 200 x 300 ft., rein.-con., brick and stone, Dexter and Waldo Sts., to W. H. Hamlyn & Son, Inc., 35 Greenwich St. Archts. est. to exceed $40,000. Noted July 23.

N. Y., Rochester—COOLING PLANT—Rochester Gas & Electric Corp., 34 Clinton Ave. N., J. P. Haftenkamp, genl. supt., 4 story, dry coke cooling plant at gas plant, here, to Sulzer Freres, Winterthur, Switzerland. Actual construction of above from designs of Sulzer Freres will be executed by J. G. White Eng. Corp., 43 Exchange Pl., New York City.

N. J., Riegelsville — WAREHOUSE and PAPER MILL—Warren Mfg. Co., 2 story, 60 x 80 ft., brick and steel warehouse, and 3 story, 75 x 140 ft., rein.-con. paper mill, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O.

Pa., Pittsburgh — BAR BENDING PLANT—Jones & Laughlin Steel Corp., J. & L. Bldg., will build 1 story, 135 x 325 ft. plant, 2nd Ave., by day labor. Private plans.

Tenn., Clinton—PLANT—Magnet Knitting Mills, with plants at Clinton and Coal Creek, 2 story, 96 x 230 ft., rein.-con. plant addition, here, to Brown-Harry Const. Co., Gastonia, N. C. Noted July 23.

O., Akron—LAMP FACTORY—Akron Lamp Co., 6600 South High St., plans 1 story and basement, 60 x 115 ft. factory, to Higley Constr. Co., 306 Buckeye Bldg. $50,000.

O., Cincinnati — TAILOR SHOP — H. P. Davis Tailoring Co., 8th and Sycamore Sts., 4 story and basement, 60 x 200 ft., rein.-con. and brick, Iowa Ave., to Ferro Concrete Co., 3rd and Elm Sts., $225,000. Noted Aug. 7.

O., Cleveland — STORAGE and MACHINE SHOP—Grabler Mfg. Co., W. S. Bayer, secy., 6505 Bway., 6 story and basement, 60 x 220 ft., brick, steel and concrete, Bway., to Craig-Curtiss Co., 4614 Prospect Ave. Archts. est. $300,000.

O., Cleveland—BAKERY—Grennan Cake Corp., 1941 East 66th St., 2 and basement, 45 x 115 ft., brick and steel addition, to Paul Bros., Fidelity-Mortgage Bldg. Archts. est. $55,000.

O., Cleveland—FREIGHT TERMINAL—Greeley Terminal, A. H. Greeley, pres., East 15th St. and Bway., 3 story and basement, 90 x 110 ft., brick and rein.-con., Pittsburgh Ave., to P. Kirschner & Co., 2914 East 75th St. Archts. est. $400,000.

O., Cleveland—STOCK ROOM—Fisher Body Ohio Co., A. Byers, East 140th St. and Coit Rd., 5 story, 72 x 504 ft., brick and rein.-con., top addition, East 140th St. and Coit Rd., to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg. Archts. est. $300,000.

O., Coshocton—FACTORY—Amer. Art Wks. Co., C. R. Frederickson, pres., 4 story and basement, brick and steel, Walnut St., to Austin Co., 16112 Euclid Ave. Archts. est. $200,000.

O., Dayton—FREIGHT HOUSE—Cleveland, Cincinnati, Chicago & St. Louis Ry., Union Central Bldg., Cincinnati, 1 and 2 story, rein.-con. and brick, plain foundation, Monument St., to Davis-Hunt Constr. Co., 1st and Webb Sts., $250,000. Noted Aug. 13.

Ill., Cicero — MACHINERY PLANT — Ostrander Seymour Co., 7 West Dearborn St., Chicago, 100 x 328 ft., printers and engineers machinery plant, 54th Ave. and 19th St., here, to G. P. Cullen, 2940 West Lake St., Chicago. Archts. est. $150,000.

Ill., East St. Louis — COOPERAGE — Sandusky Cooperage & Lumber Co., Buder Bldg., St. Louis, will build 1 story, 58 x 300 ft. 48 x 160 ft. and 48 x 100 ft. cooperage, Trendley Ave., here, by day labor.

Mich., Detroit — FACTORY — Carey & Esselstyn, engrs., 2539 Woodward Ave., 2 story, brick, steel and concrete, Central Ave., to Jones McNally Co., 1200 Washington Blvd., for Wolverine Tube Co., 1411 Central Ave. Engrs. est. $50,000. Noted Feb. 14, 1924.

Wis., Eau Claire — COLD STORAGE WAREHOUSE—Eau Claire Coffee Co., 121 South River St., 2 story (ultimately 5 story), 82 x 100 ft., rein.-con. and brick, plain foundation, to Hoeppner-Bartlett Co., 414 East Grand Ave. Archts. est. $75,000.

Wis., Milwaukee—NEWSPAPER PLANT—I. Rosenberg, 1202 Garfield Ave., remodeling 4 story, 100 x 200 ft., brick and concrete, West Water St., to R. B. Hartman, 4001 Highland Blvd. Archts. est. $150,000. Noted Aug. 20.

Wis., New Richmond—CANNERY—A. C. Friday & Son, Beaver Dam, will build 2 story, brick addition, plain foundation, here, by day labor. $40,000. Private plans.

Wis., Shawno—SAW MILL—Shawno Lumber Co., will rebuild 2 story, 40 x 120 ft. timber saw mill, plain foundation, by day labor. $75,000. Private plans.

Mo., Joplin — OIL REFINERY — E. M. Wilhoit Oil Co., Woodruff Bldg., will build 1 story refinery, incl. pressure still, four 2,000 bbl. storage tanks, two 5,000 bbl. tanks, two 150 hp. boilers, etc., here, by day labor. $150,000.

Mo., Kansas City — BAKERY — C. J. Patterson Corp., 3110 Graham Rd., general contract 3 story and basement, 172 x 227 ft., brick, steel and rein.-con., to H. Stiver, 402 Shukert Bldg., cost plus percentage basis. Archts. est. $150,000.

Mo., Kansas City—FACTORY—Woods Bros. Corp., Security Bldg., will build 1 story, 121 x 160 ft., brick, Woodswether Rd. and Santa Fe St., by day labor. $50,000. J. G. Brecklein, 220 Kresge Bldg., archts. United States Bedding Co., 1047 Florida St., Memphis, Tenn., lessee.

Kan., Wichita — FACTORY — Coleman Lamp Co., 220 North St. Francis St., 4 story and basement, 60 x 90 ft., rein.-con. and brick factory, to J. Denny, 1451 North Lawrence St. Archts. est. $50,000.

Mo., St. Louis—COLD STORAGE PLANT—Mound City Cold Storage Co., 3019 North 9th St., alterations and improvements to existing plant, 9th and Branch Sts., to A. Groceman, 7218 Normandy Pl. Archts. est. $40,000.

Wash., Bellingham—NEWSPAPER PLANT—S. A. Piper, archt., Bellingham, 6 story, 85.5 x 125 ft., concrete, brick and terra cotta, Chestnut and Oak Sts., to Everett Building Co., Everett, for Bellingham Publishing Co. $335,000. Noted Feb. 26.

Calif., Upland — PACKING PLANT — Upland Citrus Assn., 2 story and basement, 162 x 221 ft., rein.-con., to Campbell Constr. Co., Ontario, $106,505.

Ont., Frankford — POWER PLANT — Quinte & Trent Valley Power Co., (subsidiary Canadian Paperboard Co.), concrete, brick and steel power house, to Morrow & Beatty, Peterborough; 2 turbines, to S. Morgan Smith-Ingles Co., 14 Stracham Ave., Toronto. Engrs. est. $250,000.

Ont., Niagara Falls—FACTORY—Oneida Community Silver Co., factory addition, to Piggott Healey Constr. Co., 36 St. James St. S., Hamilton. Engrs. est. $100,000. Noted Jan. 29.

Buildings—Commercial

PROPOSED WORK

Mass., Brookline (Boston P. O.) — APARTMENT HOTEL—Phibos Corp., J. F. Holbrook, pres., 845 Park Sq. Bldg., Boston, having plans prepared by Silverman, Brown & Heenan, 51 Cornhill St., Boston, 10 story and basement, 146 x 208 ft., brick, stone, steel and limestone, plain foundation, 1492 Beacon St., here. $3,500,000. Noted Mar. 12.

N. Y., Buffalo—APARTMENT—Kushin & Konikoff, 55 Allen St., having plans prepared by J. Geigand, 346 Herman St., 4 story, 88 x 240 ft., rein.-con., brick and steel, Delaware and Lancaster Aves. $500,000.

N. Y., Buffalo—OFFICE and STORE—Reed Serv., Inc., Jackson Bldg., plans office and store building, 119 Franklin St. To exceed $150,000. Engineer and architect not selected.

N. Y., Buffalo—THEATRE—B. Vohwinkel, 2886 Main St., had plans prepared 2 story, 132 x 168 ft., rein.-con. and brick, Genesee St. $350,000. Engineer and architect's names withheld.

N. Y., New York—APARTMENT—J. Golding, c/o Sugarman & Berger, engrs. and archts., 345 Madison Ave., having plans prepared 15 story, brick, stone and steel, plain foundation, Madison Ave. and 86th St. $3,000,000.

N. Y., New York—APARTMENT—Four Hundred and Fifteen Central Park West Corp., c/o Deutsch & Schneider, archts. and engrs., 35 Maiden Lane, having plans prepared 16 story 100 x 100 ft., brick, steel and stone, plain foundation, Central Park West and 101st St. $1,200,000.

N. Y., New York—APARTMENT—M. Hyman, c/o R. T. Lyons, archts. and engrs., 342 Madison Ave., having plans prepared 10 story, 108 x 150 ft., brick, steel and stone, plain foundation, 107 West 93rd St. $700,000.

N. Y., New York—APARTMENT—Newmark, Jacobs & Newmark, 3410 Bway., plans 15 story, brick, steel and stone, 219 West 83rd St. $1,000,000. Engineer and architect not selected.

N. Y., New York—APARTMENT—Sammins Holding Corp., c/o E. Roth, archt. and engr., 119 West 40th St., plans 14 story, 50 x 90, ft., brick, steel and stone, 5th Ave. and 94th St. $500,000.

N. Y., New York—HOSPITAL—Cranleigh Hospital, c/o A. J. Savage, doctor, 37 Bridge St., soon takes bids 9 story, 75 x 100 ft., brick, steel and stone, plain foundation, 159 East 90th St. $500,000. H. G. Balcom, 10 East 47th St., engr. Warren & Wetmore, 16 East 47th St., archts. Noted Apr. 2.

N. Y., New York—LOFT—F. Fox & Co., c/o W. Mason, archt. and engr., 70 East 45th St., having plans prepared 17 story, 100 x 100 ft., brick, steel and stone, plain foundation, 15 West 47th St.

N. Y., New York—OFFICE—Ewing, Bacon & Henry, 101 Park Ave., soon takes bids 17 story, 100 x 125 ft., brick, steel and stone addition, plain foundation, 109 East 40th St. $1,000,000. Ewing & Allen, 101 Park Ave., archts and engrs.

N. Y., New York—OFFICE — Henco Realty Co., Inc., H. I. Cohen, pres., 347 5th Ave., plans 24 story, brick, steel and stone, plain foundation, 9th Ave. and 34th St. $6,000,000. Engineer and architect not selected.

N. Y., New York—THEATRE—W.A.R. Realty Corp., A. Brisbane, pres., 238 William St., having plans prepared by T. W. Lamb, 644 8th Ave., brick, steel and stone, plain foundation, 101 West 54th St. $750,000.

N. J., Jersey City—THEATRE—E. Erickson, 150 Harrison Ave., soon takes bids brick and stone, plain foundation, Pavonia Ave. $200,000. C. N. Zeigler, 75 Montgomery St., archt. and engr.

Pa., Hershey — COMMUNITY — A. E. Hershey, having preliminary plans prepared by C. E. Urban, Washington Bldg., Lancaster, 4 and 5 story and basement community building. $1,500,000.

Pa., Phila.—OFFICE and STORE—W. L. Charr, archt., Victory Bldg., making plans 5 story and basement, 40 x 75 ft., and 70 x 76 ft., brick, rein.-con. and steel, plain foundation, 6th and Chestnut Sts. $250,000. Owner's name withheld.

Pa., Pottstown — PASSENGER and FREIGHT STATION—Pennsylvania R.R. Co., Broad St. Sta., Phila., having plans prepared by S. G. Wagner, Reading Terminal Bldg., Phila., passenger and freight station, Queens Race and Hanover Sts., here. $1,000,000.

Pa., Washington—HOSPITAL—Washington Hospital Assn., D. Owens, supt., rejected bids 3 story and basement, 150 x 200 ft. addition. Will readvertise in spring. Noted Aug. 13.

Md., Baltimore — HALL — Medical & Chirurgical Faculty, L. D. Barker, pres., 1303 North Calvert., having plans prepared by W. W. Emmart, Union Trust Bldg., 4 story, brick and steel, plain foundation, 1211 Cathedral St. $150,000.

Md., Baltimore—OFFICE—Mayor and City Council having plans prepared by W. H. Emory, Jr., 18 East Lexington St., 9 story, with 5 story wings, rein.-con., brick and steel, Lexington, Holliday and Guilford Sts. $1,500,000. Engineers not selected.

N. C., Hendersonville—HOTEL—J. P. Stoltz, Miami, Fla., plans 15 story hotel on Jump Off Mountain. $1,000,000-$2,000,000. Engineer and architect not announced.

N. C., Winston — Salem — OFFICE—Comrs. Forsyth Co. take bids about Sept. 15, 3 story, 125 x 125 ft., concrete and marble office building. $300,000. Northrop & O'Brien, Winston-Salem, archts.

Fla., Bradentown—APARTMENT—S. L. Stein & associates, 77 West Washington St., Chicago, Ill., plan 6 story apartment, Manatee and Prospect Aves., here. $500,000 or more.

Fla., Palmetto — APARTMENT — J. W. Nettles, Palmetto, having plans prepared by Rowe, Dillard & Rowe, Palmetto, for apartment, Bay and Central Sts. $300,000.

Fla., St. Petersburg—OFFICE—N. E. Jones, having plans prepared by Roands & Avery, St. Petersburg, 8 story office building, 6th St. and 1st Ave. N. $600,000.

Fla., Tampa — APARTMENT — A. K. Simms & associates, Citizens Exch. Bldg., having plans prepared by F. J. Kennard, Krause Bldg., 2 story apartment, South Howard St. and Morrison Ave. $250,000.

Fla., Tampa — EXCHANGE—Peninsular Telephone Co., Zack and Morgan Sts., having plans prepared by M. L. Elliott, Citizens Bank Bldg., 12 story and basement exchange. $350,000.

Miss., Biloxi—HOTEL—C. Matthes, archt., takes bids about Sept. 1, 5 story, rein.-con., steel and stucco hotel, for Buena Vista Hotel Co. $300,000. Noted Apr. 16.

Miss., Gulfport—HOTEL—L. F. Alexander Co., Inc., Audubon Bldg., New Orleans, La., having plans prepared by Shaw & Woleben Gulfport, 6 story, rein.-con., brick and stone, 13th St. $500,000.

Miss., Pass Christian — HOTEL — Edgewater Beach Co., 5452 Bway., Chicago, Ill., having preliminary plans prepared by B. Marshall, 721 North Michigan Ave., Chicago, Ill., Edgewater Gulf Hotel, 8 or 10 story, 500 ft. long, 400 room capacity, incl. swimming pool, tennis court, etc. on Gulf Beach, here. Noted Aug. 6, under Mississippi.

O., Cincinnati—COMMERCE — Chamber of Commerce, 126 East 4th St., having plans prepared by Tietig & Lee, Pickering Bldg., and H. Hake, Telephone Bldg., 12 story and basement, 70 x 170 ft., rein.con. and brick, plain foundation, 4th and Race Sts. $2,000,000. Noted Mar. 26.

O., Cleveland — COMMERCIAL, etc. — Blaune Doman Singers Society, 4118 St. Clair Ave. had plans prepared by L. Loeshing, 7019 Lawnview Ave., 2 story and basement, 80 x 157 ft., brick, steel and concrete, commercial, clubhouse and dance hall, 4510 Payne Ave. $150,000.

O., Cleveland — COMMERCIAL and APARTMENT—J. Narosny & S. Libhaber, 11525 Tuscora Ave., having plans prepared by L. R. Walker, 1900 Euclid Bldg., 3 story and basement, 37 x 139 ft., brick, Detroit and Ridgewood Sts. $150,000.

O., Cleveland—COMMERCIAL and THEATRE—J. W. Thompson, Chester—Twelfth Bldg., plans brick, steel and concrete, 4242 Pearl St. $200,000. Private plans.

O., Cleveland—LABORATORY—City, W. R. Hopkins, city mgr., City Hall, plans brick, steel and concrete laboratory, Scranton Rd. $400,000. H. Kregelius, City Hall, archt.

O., Cleveland—POLICE STATION—City, E. D. Barry, dir. Pub. Safety, City Hall, having plans prepared by H. Kregelius, 604 City Hall, 2 story, brick, steel and concrete, East 137th St. and Woodland Ave. $150,000.

O., Columbus—STORE—S. S. Kresge Co., Kresge Bldg., Detroit, Mich., having revised plans prepared by H. Holmes, Kresge Bldg., Detroit, Mich., 5 story and basement, 84 x 187½ ft., brick, steel and terra cotta, State and High Sts. $600,000. Noted March 19.

O., Lima—BANK and OFFICE—Old Natl. Bank, Main and High Sts., F. L. Maire, pres., plans brick, steel and concrete bank and office building. $600,000. Engineer and architect not selected.

O., Youngstown — DEPOT—New York Central R.R., A. S. Ingalls, genl. mgr., West 35th St. and St. Clair Ave., Cleveland, had plans prepared by Fellheimer & Wagner, 7 East 42nd St., New York City, 2 story and basement, brick, steel and concrete depot, here. $250,000.

O., Zanesville—BANK and OFFICE—First Natl. Bank, W. M. Bateman, pres., having plans prepared by Lockwood, Greene & Co., Hanna Bldg., Cleveland, 8 story, 80 x 80 ft., brick, steel and concrete, bank and office building. $300,000.

Mich., Detroit — OFFICE and WAREHOUSE—Coe Terminal Warehouse, E. Coe, Merchants Warehouse Co., 5620 Federal Ave. having plans prepared 12 story, rein.-con. and brick West Fort St. $3,000,000. Lane Davenport & Peterson, Charlevoix Bldg., engrs.

Mich., Negaunee—COMMUNITY—Election Sept. 8, to vote on erecting new 3 story and basement, 75 x 100 ft. community house, $160,000, or to remodeling existing building, $150,000. G. R. Jackson, chn. building com. Noted Apr. 2.

Ill., Elgin — HOSPITAL — State appropriated $199,602 and making plans additions to Elgin State Hospital. Chief Supervising Architect, Capitol Bldg., Springfield, archt. Engineer not selected. L. L. Emerson, state secy.

Wis., Madison—STORE and OFFICE—University Co-Operative Co., 508 State St., plans 3 story, brick, rein.-con. and steel, State St. $150,000. Engineer and architect not selected.

Wis., Milwaukee — HOME — Methodist Deaconess Home, 930 Cedar St., having preliminary plans prepared by M. Tullgren & Sons, 425 East Water St., 4 story and basement, brick and concrete, plain foundation, 11th St. $150,000.

Wis., Milwaukee — MOSQUE — Tripoli Temple, Nobles of the Mystic Shrine, L. Schneller, chn. building com., 399 4th St., having plans prepared by Clas, Shepherd & Clas, 445 Milwaukee St., 3 story and basement, 100 x 120 ft., brick and concrete, Grand Ave. $400,000. Noted June 25.

Wis., Oshkosh — OFFICE — Wisconsin Natl. Life Insurance Co., 14 Washington St., having plans prepared by Auler & Jensen, F. R. A. Bldg., brick, concrete and stone, plain foundation. $200,000.

Wis., Racine—THEATRE—Rialto Amusement Co., 517 Main St., having plans prepared by C. H. Crane, Huron Bldg., Detroit, Mich., 2 story and basement, brick, concrete and terra cotta, plain foundation. $150,000.

Wis., Shorewood (Milwaukee P. O.)—THEATRE and BUSINESS—Goldman Bros. Realty Co., c/o J. Goldman, 510 Mitchell St., Milwaukee, having new plans prepared by H. J. Selmer Co., McCartney Bank Bldg., Green Bay, and soon takes bids, 3 story and basement, 106 x 150 ft., brick, concrete and terra cotta, plain foundation, Atwater Rd. $300,000. Noted Mar. 19.

Minn., Minneapolis — BUSINESS TERMINAL—Great Northern Transit Co., 4th and Jackson Sts., St. Paul, soon takes bids 2 story and basement, rein.-con. and brick, 6th St. and 6th Ave., $150,000. Excavation, to Connolly Constr. Co., 427 Rice St., St. Paul.

Kan., Emporia—HOSPITAL—Sisters of St. Francis, having sketches made by H. W. Brinkman, Emporia, St. Marys Hospital, 3 or 4 story, 45 x 200 ft., rein.-con. and brick hospital. $175,000.

Kan., Oberlin—COURT HOUSE—Decatur Co., G. McMullen, clk., soon takes bids 2 story and balcony, 70 x 100 ft., rein.-con., terra cotta, brick and stone courthouse. $150,000. Squires & Ross, 630 Kansas St., Topeka, archts.

Neb., Omaha—HOSPITAL—University of Nebraska Medical College, plans hospital, 42nd and Dewey Sts. $250,000. J. Latenser & Sons, 732 Peters Trust, archts.

Mo., Kansas City—HOTEL—Kupper—Benson Hotel Co., c/o W. S. Mars, pres. Kupper Hotel, having plans prepared by C. B. Sloan, 320 East 11th St., 21 story and basement, 96 x 115 ft., steel, 11th and McGee Sts.

Mo., Kansas City—STORE, OFFICE and GARAGE—Congress Garage Co., c/o E. J. Willett, Barclay Bldg., 3619 Bway., having plans prepared by R. F. Gornall, Barclay Bldg., 4 story and basement, 150 x 150 ft., rein.-con., plain foundation, 3525-35 Bway. $350,000.

Mo., St. Louis—COMMERCIAL—Kessler & Kolb, Inc., 712 Chestnut St., having preliminary plans prepared 12 or 15 story and basement, 70 x 135 ft., rein.-con., brick, stone and steel, Washington and 7th Sts.

Texas—HOTEL—See "Unclassified."

Tex., Abilene—CITY HALL—Voted $150,000 bonds, new city hall. C. E. Coombes, mayor. Engineer and architect not announced. Noted July 23.

Tex., Dallas — POST OFFICE — J. C. Culp & Co., 33 La Salle St., Chicago, Ill., having plans prepared post office substation, Young St. $200,000. Engineer and architect not announced. U. S. Government, lessee.

Tex., Ft. Worth — MUSIC HALL — Sanguinett-Staats & Hedrick, archts., 1st

Buildings—Commercial (Continued)

Natl. Bldg., and R. L. Scarborough, pres. Southwest Baptist Seminary, Seminary Hill, soon take bids 3 story and basement, rein.-con. and brick, plain foundation. $300,000. Noted Mar. 19.

Tex., San Antonio—APARTMENT—H. C. Wood of Kelwood Co. and associates, archts. and engrs., Travis Bldg., had plans prepared 3 story, basement, roof garden, etc., rein.-con. brick and stone, plain foundation, Bushnell St. and Laurel Heights Pl. $300,000.

Tex., San Antonio — AUDITORIUM — Election soon $250,000 bonds, for completing present auditorium (now under construction). S. F. Creselius, City Hall, engr.

Tex., San Antonio — COURTHOUSE — Bexar Co. election Sept. 19, $1,500,000 bonds for courthouse. A. C. Pancoast, c/o Court House, co. engr. Noted July 2.

Tex., San Antonio—OFFICE—F. Herff & W. M. Wolfe, et al, City Natl. Bank Bldg., having preliminary plans prepared 3 and 4 story and part basement, 60 x 90 ft., rein.-con. brick, and stone, plain foundation, Jefferson St. between Pecan and Travis St. $150,000.

Okla., Eufaula—COURT HOUSE—McIntosh Co. having preliminary plans prepared by Jewell Hicks, 19½ West Main, Oklahoma City, 2 story and basement, 175 x 225 ft., rein.-con., and brick, plain foundation, Main St. to replace one recently destroyed by fire. $225,000. Noted April 23.

Okla., Ponca City—THEATRE, STORE and OFFICE—E. Wetzel, et al, having preliminary plans prepared by Smith & Center, Okmulgee, 2 story and basement, 75 x 140 ft., rein.-con., brick and stone building. $150,000.

Calif., Beverly Hills—HOTEL and APARTMENT—H. C. Schrader, c/o W. A. Hudson, 1414 Burton Way, having plans prepared 3 story, 150 x 150 ft. brick and steel, here.

Calif., Hawthorne—STORES, THEATRE and OFFICE—West Coast Theatres, Inc., Knickerbocker Bldg., Los Angeles, having plans prepared by Cowles-Perrine, 742 South Hill St., Los Angeles, 120 x 140 ft. brick and steel, stores, office and theatre, here. $150,000.

Calif., Los Angeles — OFFICE—Sun Realty & Investment Co., 1001 Lincoln Bldg., having plans prepared by Curlett & Beelman, 408 Union Bank Bldg., 12 story and basement, 117 x 137 ft., brick and terra cotta, 7th and Flower Sts. $1,200,000. Noted Aug. 20.

Calif., Los Angeles—OFFICE—F. Webster, 922 Hollywood Guaranty Bldg., (owner and architect) prepared preliminary plans 12 story and basement, 65 x 165 ft. 1st St. and Bway. $900,000. Noted Aug. 6.

Calif., Oakland—HOTEL—Key Route Interests, c/o V. W. Houghton, archt., 275 Post St., San Francisco, plans fireproof hotel, Grand Ave. here. $300,000.

Calif., Sacramento—ADMINISTRATION—Sacramento Co. having plans prepared by R. A. Herrold, Forum Bldg., fireproof administration building and surgery ward. $175,000. Noted May 5.

Calif., San Francisco — APARTMENT—Ashbury Methodist Episcopal Church, c/o Tuttle & Tuttle, 363 17th St., Oakland, archts. having plans prepared 5 story and basement, brick or rein.-con. 8th Ave. and Geary St. $150,000.

Calif., San Francisco—THEATRE—G. Archer, 5960 Mission St., plans 1 story, brick, fireproof, Mission St., near Sickles Ave. $150,000. Architect and engineer not selected.

Calif., Santa Ana—THEATRE—W. Lutz, having plans prepared by M. E. Durfee, 209 Chapman Bldg., Los Angeles, 3 story and basement, 100x165 ft., 4th and Bush Sts. $200,000.

Calif., Ukiah—HOTEL—H. M. Toy, Manx Hotel, San Francisco, plans fireproof hotel, South State St., here. $150,000 or more. Engineer and architect not selected.

Ont., Minaki—HOTEL—Canadian Natl. Railways, New Union Sta., Toronto, having plans prepared by G. C. Briggs, Canadian Natl. Ry. Depot, Winnipeg, Man., rebuilding 3 and 4 story, brick and concrete hotel, here, to replace one destroyed by fire. $200,000.

Ont., Toronto — OFFICE — North Amer. Life Insurance Co., 112 King St. W., plans 6 story and basement, concrete, brick and steel, Yonge St. near Woodlawn Ave. $1,000,000. Engineer and architect not selected.

BIDS DESIRED

Mass., Allston (Boston P. O.)—STORE—M. Dana, 20 Pemberton Sq., Boston, taking bids 2 story and basement, 90 x 100 ft., brick and stone, plain foundation, Harvard Ave., here. $150,000. F. A. Norcross, 46 Cornhill St., Boston, archt. Noted May 28.

Mass., Amherst—FRATERNITY — Aug. 29, by Delta Tau Delta Fraternity, Amherst College, 3 story and basement, 36 x 120 ft., and 25 x 40 ft., brick and limestone, fraternity building. $150,000. J. D. Leland & Co., 41 Mt. Vernon St., Boston, archts. Noted July 9.

Mass., Boston — APARTMENT — W. Cohen, 333 Washington St., taking bids 82 x 104 ft., brick and stone, plain foundation, 50 Commonwealth Ave. $400,000. F. N. Jacobs, 4 Park St., archt. Noted Aug. 20.

Mass., Boston—APARTMENT HOTEL—Three Hundred Ninety Beacon St., Inc., c/o C. A. Isenback, 120 Milk St., taking bids 11 story and basement, 144 x 150 ft., brick and steel, 390 Beacon St. $1,250,000. J. C. Spofford, 36 Bromfield St., archt. Noted Dec. 18.

Mass., Boston—HOTEL—Hotel Winthrop, C. H. Blackhall, 20 Beacon St., taking bids 17 story and basement, 8,400 sq.ft. floor space, brick, steel and limestone, Tremont St. opposite Hollis St. $2,000,000. Blackhall, Clapp & Whittemore, 20 Beacon St., archts. Noted May 28.

Mass., Boston — THEATRE — See "Contracts Awarded."

Mass., Gloucester—STORE and OFFICE—See "Contracts Awarded."

Mass., Marlboro—BANK and OFFICE—Peoples Natl. Bank, S. E. Stevens, pres., taking bids 2 story and basement, 30 x 50 x 100 ft., rein.-con., brick, stone and steel bank and office building. $150,000. J. W. Beal Sons Co., 185 Devonshire St., Boston, archts. Noted Aug. 20.

Mass., Quincy (Boston P. O.) — POLICE STATION — City, c/o Clark, Batty & Gallagher, archts., 13 Temple St., taking bids 3 story and basement, 65 x 80 ft., brick and stone, Canal and Sea Sts. $150,000. Noted Aug. 6.

Mass., Waltham — CITY HALL — City, H. T. Beale, mayor, taking bids 2 story and basement, 65 x 106 ft., brick and limestone, plain foundation, Common St. $350,000. Kilham, Hopkins & Greeley, 9 Park St., Boston, archts. Noted June 5, 1924.

R. I., Newport—CITY HALL—Aug. 28, by Town Clerk, City Hall, 3 story and basement, brick and steel, plain foundation Bway. $250,000. Appleton & Stearns, 53 State St., Boston, Mass., archts. Noted Apr. 30.

R. I., Providence—THEATRE, STORE and OFFICE—J. Cohn, c/o E. S. Q. Whitford, Hills Grove, taking bid 2 story and basement, 20,000 sq.ft. floor space, rein.-con. and brick, plain foundation. $150,000. Noted July 30.

Conn., New Haven—CLUB and BUSINESS—Aug. 31 (extended date), by Young Men's Republican Club, M. L. Smith, pres., 8 story, and basement, 50 x 145 ft., brick and steel, Temple and Crown Sts. Shiner & Appel, 185 Church St., archts. Noted Aug. 20.

N. Y., Brooklyn—APARTMENT — See "Contracts Awarded."

N. Y., Cheektowaga—TOWN HALL—Aug. 31, by Town Bd., Union Rd., 3 story, 135 x 170 ft., rein.-con. and brick, Bway. $180,000. F. A. Spangenburg, 250 Delaware Ave., Buffalo, archt. Noted Aug. 6.

N. Y., New York — APARTMENT — See "Contracts Awarded."

N. Y., Wingdale—HOSPITAL—Sept. 16, by State Hospital Comn., Albany, constructing Buildings F, G, H, I, J, K, M, O and P at Harlem Valley State Hospital, here. S. W. Jones, state archt.; adv. E. N.-R. Aug. 27.

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. J., Atlantic City—HOTEL—Sept. 10, by Warren & Wetmore, archts., 16 East 47th St., New York City, 12 story, ground floor and basement, 52 x 84 ft., brick and steel addition, plain foundation, Boardwalk and St. Charles Pl., here, for St. Charles Hotel. $500,000.

Pa., Phila.—APARTMENT and GARAGE H. Beckerman, 45 Spruce St., taking subbids 4 story and basement, 160 x 168 ft., brick and steel apartment and 48 x 139 ft. garage, plain foundation, McCallum St. and Lincoln Dr., Ballinger Co., 120 Chestnut St., archts.

Pa., Phila.—APARTMENT—Aug. 31, by W. H. Gravell & A. Hall, archts., Otis Bldg., 12 story and basement, 40 x 71 ft., rein.-con., brick and steel, plain foundation, 15th and Spruce Sts., for R. Seltzer Apartment, 1433 Locust St. Noted Aug. 20.

Pa., Phila.—OFFICE—Aug. 31, by R. Benckert, archt., Bellevue Court Bldg., 9 story and basement, 20 x 77 ft., rein.-con., brick and steel, plain foundation, 13th and Chestnut St.s. $150,000. Owner's name withheld. Noted July 9.

N. C., Rutherfordton—COURTHOUSE—Sept. 8, by Comrs. Rutherford Co., new courthouse. $250,000. L. H. Ashbury, Realty Bldg., Charlotte, archt.

O., Cleveland—STORAGE and WAREHOUSE—Malbin Realty Co., L. and S. Malbin, 3704 East 35th St., taking bids 5 story, 82 x 250 ft., brick and rein.-con., Croton Ave. $250,000. A. A. Soffen, Engineers Bldg., archt. Noted Aug. 20.

Ind., East Chicago—LODGE—B. P. O. E. takings bids lodge, 6 story and basement, 80 x 110 ft., brick and steel lodge. $250,000. K. D. Norris, East Chicago, archt.

Ind., Indianapolis—APARTMENT — See "Contracts Awarded."

Ind., Indianapolis—HOSPITAL—Aug. 29, by City Bd. Health, 4 story and basement, 102 x 105 ft. hospital. $325,000. A Scherer, Majestic Bldg., archts.

Ind., Indianapolis—OFFICE—H. Foltz, archt., Wild Bank Bldg., taking bids 8 story and basement, 56 x 80 ft., rein.-con., brick and steel, North Delaware Ave., for Indiana Lumber Insurance Co., 518 North Delaware St. $400,000. Noted July 23.

Ill., Chicago — APARTMENT — Sept. 15, by J. Hunt, archt., 30 North Michigan Ave., 9 story and basement, 172 x 194 x 254 ft., U shaped, brick, steel, stone and marble, 900 North Michigan Ave., for Nine Hundred Michigan Avenue Corp., c/o Ross & Browne, 80 East Jackson St. $2,500,000.

Ill., Aurora—BANK and OFFICE—Nov. 15, by Weary & Alford Co., archts., 1923 Calumet Ave., Chicago, 13 story and basement, 70 x 80 ft., rein.-con., steel and terra cotta, Main St. and Bway., here, for Aurora Natl. Bank. $500,000. Noted Aug. 20.

Wis., Sheboygan—APARTMENT—Sept. 1 (extended date), by J. Enz, 608 North 8th St., 3 story and basement, 60 x 130 ft., brick and concrete, plain foundation. $150,000. Leenhouts & Guthrie, 424 Jefferson St., Milwaukee, archts. Noted Aug. 20.

Mo., St. Louis—HOTEL—See "Contracts Awarded."

Mo., Kansas City—HOTEL—See "Contracts Awarded."

Okla., McAlester—HOTEL—Aug. 31, by Hawk & Parr, archts., Cotton Exch. Bldg., Oklahoma City, 4 story and basement, 50 x 133 ft., rein.-con., brick and stone, for B. A. Eniowe, McAlester. $150,000. Noted July 23.

BIDS RECEIVED

Mass., Northampton—HOSPITAL—W. A. Merrill, bus. agt. State House, Boston, 2 story and basement, brick new ward building, at Northampton State Hospital, here, from LaFrance Constr. Co., 292 Maple St., Holyoke, $109,987. Noted Aug. 13.

CONTRACTS AWARDED

Mass., Boston—THEATRE, STORE and OFFICE—Cobb Theatre, c/o A. J. Carpenter, Jr., archt., 1 Moss Hill Rd., Jamaica Plain, will build 2 story, 60 x 115 ft., brick and stone theatre, store and office building, here, by day labor. $150,000. Noted Jan. 8.

Mass., Cambridge (Boston P. O.) — OFFICE—Boston & Maine R.R. Co., North Station, Boston, 6 story and basement, 50 x 305 ft., rein.-con. and steel, Lechemere Sq., here, to Scully Co., 218 1st St., Cambridge. Archts. est. $250,000. Noted Aug. 6.

Mass., Gloucester—STORE and OFFICE—Shikes & Long, 18 Tremont St., will build 2 story and basement, brick and limestone, plain foundation, Main St. $150,000. Work will be done by separate contracts. Noted Apr. 3.

Mass., Roxbury (Boston P. O.)—THEATRE, STORE and OFFICE—Singer Realty Co., S. A. Singer, 84 Chauncy St., 2 story, 80 x 190 ft., brick, plain foundation, 119-129 Dudley St., to M. Shapiro, 30 Essex St. Archts. est. $225,000. Noted Aug. 6.

Mass., West Newton (Ind. br. Boston)—STORE—L. I. Cate, Watertown St., 2 story and basement, 70 x 180 ft., rein.-con. and brick, 996 Watertown St., to G. N. Jacobs, 4 Park St., Boston. Archts. est. $150,000.

Conn., Stamford—WAREHOUSE — W. Schoefer & Son, 30 North St., 4 story and basement, 50 x 100 ft., brick and stone, to E. and F. Constr. Co., 94 Wells St., Bridgeport. Noted July 30.

N. Y., Brooklyn—APARTMENTS—W. Kraslon, c/o Shampan & Shampan, archts. and engrs., will build two 6 story, brick, steel and stone, plain foundation, East 18th St. and Church Ave., by day labor. $650,000.

N. Y., Brooklyn—THEATRE—Owner, c/o J. M. Berlinger, archt. and engr., 469 7th

Buildings—Commercial (Continued)

Ave., New York City, brick, steel and stone, plain foundation, 8th Ave. and 46th St., here, to Perri Contg. Co., 186 Joralemon St. Archts. est. $350,000.

N. Y., Buffalo—PUBLIC MARKET—City, rein.-con. and brick, Amherst St., to F. G. Hansel, Ellicott Sq., $259,690.

N. Y., College Point—(Ind. Sta. Flushing)—THEATRE—Owner, c/o J. M. Berlinger, archt. and engr., 469 7th Ave., New York City, brick, steel and stone, 121st St. and 15th Ave., here, to Perri Contg. Co., 186 Joralemon St., Brooklyn. Archts. est. $450,000.

N. Y., New York—APARTMENT—H. A. Murray, c/o J. E. R. Carpenter, archt. and engr., 598 Madison Ave., 14 story, brick, steel and stone, plain foundation, 80th St. and 5th Ave., to D. P. Robinson, 125 East 46th St. Archts. est. $1,500,000. Noted June 4.

N. Y., New York—APARTMENT—A. Holding Corp., c/o Springsteen & Goldhammer, archts. and engrs., 32 Union Sq., will build 5 story, brick, steel and stone, plain foundation, Isham St., by day labor. $200,000.

N. Y., New York—APARTMENT—S. and L. Building Corp., c/o E. Roth, archt and engr., 119 West 40th St., will build 15 story, 140 x 150 ft., brick, steel and stone, plain foundation, Bway. and 101st St. by day labor. $1,600,000.

N. Y., New York—APARTMENT—Paterno Constr. Co., 100 East 42nd St., will build 15 story, 103 x 130 ft., brick, steel and stone, 334-344 West 110th St. $1,000,000. Work will be done by separate contracts. R. Candela, 200 West 72nd St., archt. and engr.

Fla., Haines City — HOTEL — Development Corp. of Florida, P. Stanton secy. and treas., Hotel Polk, 9 story, Harrison Ave., to Stephenson & Cameron, Sarasota, $500,000. Noted May 28.

Fla., Pensacola—HOTEL—Owner, c/o R. De Buys, associated archt., Hibernia Bank Bldg., New Orleans, La. Escambia Hotel, 5 story 54 x 224 ft., 52 x 236 ft., and 56 x 150 ft., rein.-con., hollow tile and stucco, 12¼ mi. from here, to Underwood Contg. Co., Louisiana Bldg., New Orleans, La. Archts. est. $1,000,000.

Fla., Vero Beach—BANK and OFFICE—Vero Beach Bank & Trust Co., 7 story bank and office building, to Gude Constr. Co., 64 Poplar St., Atlanta, Ga. $325,000.

O., Akron — WAREHOUSE — Firestone Tire & Rubber Co., South Main St., 3 story, 200 x 400 ft., brick, steel and concrete, to H. P. Moran Constr. Co., Terminal Bldg. Archts. est. $250,000.

O., Cleveland—APARTMENT—Schnader & Horowitz, 878 Herrick Rd., 3 story and basement, 40 x 220 ft., brick, Ansel Rd., to J. Dolinsky, 2210 East 69th St. Archts. est. $200,000.

O., Cleveland—EXCHANGE—Ohio Bell Telephone Co., G. A. Kositgky, 4300 Euclid Ave., 2 story and basement, 83 x 85 ft., brick and rein.-con., 4314 West 35th St., to W. Dunbar Co., 8201 Cedar Ave. Archts. est. $150,000. Noted Aug. 6.

O., Cleveland — NURSES HOME, etc. — Mt. Sinai Hospital, F. T. Halle, chn. building comn., East 105th St. and Ansel Rd., 6 story 54 x 138 ft. nurses home, 4 story, 34 x 118 ft. laboratory, 4 story, 59 x 104 ft. out patients building, 29 x 60 ft. garage, and 16 x 42 ft. laundry and boiler house, brick, steel and concrete, East 105th St., to Reaugh Constr. Co., 2835 East 51st St. Archts. est. $1,000,000. Noted June 4.

O., Columbus—LODGE—Knights of Pythias, 4 story and basement, 139 x 155 ft., rein.-con. and brick, Mt. Vernon and Talmadge Sts., to L. L. LeVegue, Edgehill Rd., about $140,000.

O., Painesville—BANK and OFFICE—First Natl. Bank, 4 story and basement, 65 x 90 ft., brick, steel and concrete, to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg., Cleveland. Archts. est. $150,000. Noted July 23.

Ind., Indianapolis — APARTMENT — H. Dollman, Jr., Merchants Bank Bldg., will build 3 story and basement, 40 x 87 x 129 ft., brick and stone, East 14th St., by day labor. Archts. est. $150,000.

Ill., Chicago—OFFICE—Portland Cement Assn., 111 West Washington St., general contract 5 story and basement, 97 x 100 ft., rein.-con. and steel office and laboratory building, 29-35 West Grand Ave., to Turner Constr. Co., 6 North Michigan Ave., $300,000.

Ill., Rock Island — HOTEL — Fort Armstrong Hotel Co., c/o H. H. Cleveland, general contract 10 story and basement, 120½ x 150½ ft., rein.-con., brick and stone hotel, to Fleisher Eng. & Constr. Co., 306 Lumber Exch. Bldg., Minneapolis, Minn. Noted March 19.

Wis., Janesville—J. A. Steiner, secy. Y. M. C. A., 402 West Milwaukee St., general contract, 3 story and basement, 120 x 120 ft., brick and concrete, plain foundation, to D. B. Danielson, 874 Layton Blvd., Milwaukee, $166,300. Archts. est. $250,000. Noted July 30.

Wis., Madison—GARAGE—Buick Garage Co., Z. S. Baldrom, pres., West Washington Ave., 3 story, 60 x 150 ft., rein.-con., brick and steel, Wilson Ave., to J. H. Findorff Co., 601 West Wilson St. Archts. est. $150,000.

Wis., Milwaukee—APARTMENT—I. H. Benesch Co., 513 Van Buren St., 3 story, 94 x 181 ft., brick and tile, plain foundation, Prospect Ave., to Reisinger & Co., 464 Oakland Ave. Archts. est. $200,000. Noted June 4.

Wis., Milwaukee—HOSPITAL—Hanover General Hospital, 464 Hanover St., 4 story and basement, 97 x 130 ft., brick and concrete addition, plain foundation, Hanover St., to Reisinger & Co., 464 Oakland Ave. Archts. est. $250,000.

Wis., Waukesha—BATH HOUSE—Van Ryn & De Gelleke, archts., 114 Grand Ave., Milwaukee, 3 story and basement, 55 x 140 ft., brick and concrete addition, plain foundation, here, for Waukesha Moor Bath Co., to P. Riesens Sons, 1018 Humboldt Ave., Milwaukee, Prospect Ave. Archts. est. $150,0000. Noted July 16.

Minn., Stillwater—APARTMENT HOTEL—Lowell Investment Co., F. W. Densmore, 1017-6th Ave. S. Minneapolis, general contract 4 story and basement, 80 x 120 ft., rein.-con., brick and terra cotta, here, to Lovering & Longbotham, 607 Builders' Exch. Bldg., St. Paul. Archts. total est. $200,000.

Kan., Topeka — PASSENGER STATION and FREIGHT HOUSE—Union Pacific R.R. Co., 1416 Dodge St., Omaha, Neb., general contract 2 story, 58 x 317 ft. passenger station, 45 x 76 ft. freight station head house, 40 x 242 ft. freight house with 10 ft. concrete platform with 21 x 260 ft. incline, all rein.-con., brick and terra cotta, here, to P. J. Sullivan. 3200 Humboldt St., Denver, Colo. Noted May 14.

Mo., Jefferson City—BANK and OFFICE First Natl. Bank, 4 story and basement, rein.-con., brick, Carthage stone and steel, High and Madison Sts., to Simon Constr. Co., Columbia. Noted Nov. 13.

Mo., Kansas City — HOTEL — Jewell Realty, c/o R. Brown, 101 Scarritt Bldg., will build 4 story and basement, 60 x 138 ft., rein.-con., plain foundation, 9th and Cherry Sts., by day labor. $175,000. P. T. Drotts, Reliance Bldg., archt.

Mo., Kansas City — HOTEL — Jewell Realty Co., c/o R. F. Brown, 101 Scarritt Bldg., will build 4 story and basement, 74.5 x 140 ft., rein.-con., plain foundation, Linwood Blvd. and Garfield Ave., by day labor. $200,000. P. T. Drotts, Reliance Bldg., archt.

Mo., St. Louis—APARTMENT—Joyner Realty Co., c/o D. R. Harrison, archt., 6053 Waterman Ave., 6 story and basement, 100 x 177 ft., rein.-con., brick and stone, Enright and Hamilton Sts., to Harrison Constr. Co., 5715 Delmar Blvd. Archts. est. $500,000.

Mo., St. Louis—HOTEL—Coronado Hotel Co., 1042 International Life Bldg., will build 14 story and basement, 93 x 99 ft., and 1 story, 55 x 80 ft., rein.-con., brick, stone, steel and terra cotta addition, Lindell Blvd. and Spring Ave., by day labor, under supervision of P. J. Bradshaw, archt., International Life Bldg. $500,000. Noted June 25.

Tex., Houston — OFFICE — N. Esperson Estate, c/o N. Esperson, 1611 2nd Natl. Bank Bldg., general contract 26 story and tower, 151 x 155 ft., rein.-con., brick, steel, stone and terra cotta, Travis St. and Rush Ave., to Amer. Constr. Co., 410 Gulf Bldg., Houston, $2,250,000. Noted July 16.

Okla., Oklahoma City — OFFICE — Oklahoma Savings & Loan Assn., Amer. Natl. Bank Bldg., general contract 3 story and basement, 50 x 140 ft., rein.-con., brick and stone, 2nd and Robinson Sts., to J. H. Frederickson & Co., Baltimore Bldg., Oklahoma City. Noted April 30.

Wash., Seattle—APARTMENT HOTEL—F. H. Fowler, archt., L. C. Smith Bldg., 9 story and basement, 108 x 120 ft., rein.-con. and steel, 3rd and Blanchard Sts., to Walter & Brady, Hoge Bldg., for C. Cornelius, c/o architect. $550,000.

Calif., Los Angeles — LOFT — Subway Terminal Corp., 647 South Spring St., 10 story and basement, 45 x 121 ft., brick and terra cotta service and loft, 420 West 4th St., to P. J. Walker, 1111 W. M. Garland Bldg., $400,000.

Buildings—Educational, Religious

PROPOSED WORK

Mass., Brighton (Boston P. O.) — CHAPEL—St. Elizabeths Hospital, having revised plans prepared by E. T. P. Graham, 171 Newberry St., Boston, 1 story, 50 x 125 ft., rein.-con., brick and stucco, Cambridge St. $150,000. Former bids rejected. Noted Feb. 26.

Mass., Lynn.—CHURCH—St. Stephen's Episcopal Church, W. A. Lawrence, pastor, plans 1 story and basement church, Eastern and Waite Aves. To exceed $150,000. Engineer and architect not selected.

Mass., Nantucket—SCHOOL—Town, J. R. Keller, chn. building com. plans high school. $150,000 or more. Engineer and architect not selected.

Mass., West Roxbury (Boston P. O.)—CHURCH — St. Theresas Roman Catholic Church, J. F. Broderick, pastor, having sketches made by Maginnis & Walsh, 100 Boylston St., Boston, 1 story, rein.-con. and stone, Centre and Cottage Sts. $150,000.

N. Y., Brooklyn—LABORATORY—Dept. Pub. Welfare, Municipal Bldg., New York City, having plans prepared by Dodge & Morrison, archts. and engrs., 160 Pearl St., New York City, 8 story, brick, steel and stone, plain foundation, at Kings Co. Hospital, Winthrop St., here. $475,000.

N. Y., Buffalo — SCHOOL — Bd. Educ., Genesee Bldg., having preliminary plans prepared by School Architects, Old Central High School, rein.-con. and brick additions, to Schools, 29 and 65. $200,000.

Pa., Pittsburgh—HIGH SCHOOL—Catholic Diocese of Pittsburgh, c/o H. C. Boyle, pastor, 5th Ave. and Craig St., having plans prepared by E. J. Weber, archt., K. of C. Bldg., and A. F. Fink, associated archt., West Craig St., 3 and 4 story and basement, 63 x 216 ft., stone, 5th Ave. and Boundary St. $500,000.

Md., Baltimore—CHURCH—Forest Park Presbyterian Church, 4003 Bonner Rd., C. Leber, pastor, having plans prepared by C. N. and N. Friz, Lexington Bldg., 1 story and basement, stone, plain foundation, Garrison and Dalrymple Aves. $150,000.

Md., Baltimore—CHURCH—A. W. Wilson Memorial Methodist Episcopal Church, C. D. Harris, pastor, 309 University Parkway, having plans prepared by A. L. Leach, 411 North Charles St., 1 story marble, Charles St. and University Parkway. $175,000.

Md., Baltimore — SYNAGOGUE — Zion Sharuy Congregation, c/o A. S. Hillman, 3445 Park Heights Ave., having plans prepared by J. Freund, 1307 St. Paul St., 4 story stone and brick synagogue and community building, plain foundation, Park Heights and Hilldale Aves. $250,000.

Md., College Park—ADMINISTRATION—University of Maryland, having plans prepared by Smith & May, Calvert Bldg., 1 and 2 story administration, dining room and power plant. $225,000.

Florida—SCHOOLS — Bd. Pub. Schools Pinellas Co., Clearwater, soon takes bids 2 story and part basement, 90 x 126 ft. school, in Tarpon Springs; 1 story, 88 x 140 ft. in Gulfport, and 2 story and part basement, 75 x 90 ft., in Clearwater. M. L. Ellicott, Tampa and St. Petersburg, and W. B. Ittner, 911 Locust St., St. Louis, Mo., archts.

Ala., Birmingham—SCHOOLS—Bd. Educ. having preliminary plans prepared by W. B. Ittner, consult. archt., 911 Locust St., St. Louis, Mo., Moore and Slater Schools, 2 story and basement, brick and concrete. $200,000 upwards.

Tenn., Memphis—COLLEGE—Sisters of St. Cecelia, St. Agnes Academy, Vance Ave., had tentative plans prepared by Regan & Weller, Bank of Commerce Bldg., 2 story and basement, on 12 acre site, Poplar Blvd. $150,000.

O., Berea—HIGH SCHOOL—Bd. Educ., plans 2 story and basement high school, Bagley Rd. and East St. $400,000.

O., Cleveland — HIGH SCHOOL — Bd. Educ., F. G. Hogen, dir. having preliminary plans prepared by G. M. Hopkinson, 6th St. Clair Bldg., 2 story and basement, brick, steel and concrete, East 55th St. and White Ave. $500,000.

O., Hartville—SCHOOL—Bd. Educ., Lake Twp., plans 2 story and basement school. $190,000.

Ind., Muncie—LIBRARY—Bd. Trustees Eastern Indiana Normal, B. V. Burris, pres., having plans prepared by Lindes & Babbitt, archts. and engrs., Columbus, O.,

Buildings—Educational, Religious (Cont.)

and takes bids about Oct. 1, 3 story, rein. con. and brick, plain foundation, in Normal City. $300,000.

Mich., Jackson—HIGH SCHOOL—Childs & Smith, archts., 720 North Michigan Ave., Chicago, Ill., take bids about Sept. 5, 3 story and basement 386 x 424 ft., rein.-con. high school, here, for Union School Dist. $1,000,000.

Wis., Cudahy—HIGH SCHOOL—Bd. Educ., F. H. Schade, pres., had plans prepared by R. Messmer & Bros., 221 Grand Ave., Milwaukee, (1st unit), 2 story and basement, brick and tile, plain foundation, Lake Rd. $180,000.

Wis., Milwaukee—CONVENT—St. Marys Convent, 3502 Center St., having plans prepared by E. Brielmaier & Sons, 432 Bway., 4 story and basement, brick and concrete addition, plain foundation, Center St. $150,000.

Ia., Cedar Rapids—CHURCH—St. Matthews Roman Catholic Congregation. A. Beahm, pastor, having preliminary plans, here, prepared by C. B. Zalesky, Amer. Trust Bldg., 2 story and basement, concrete, brick and stone, 24th St. and 1st Ave. $200,000.

Ia., Corning—SCHOOL—Bd. Educ. takes bids in fall, 2 story and basement, rein.-con., brick and stone school. $160,000. Thomas, McLennan & Thomas, 525 17th St., Des Moines, archts. Noted June 11.

Ia., Iowa City—CHEMISTRY—State Bd. Educ., W. H. Gemmill, secy., rejected bids 4 story and basement, rein.-con., brick and stone chemistry building. Noted Aug. 6.

Ia., Mt. Pleasant — SCIENCE HALL — Iowa Wesleyan College, U. S. Smith, pres., having preliminary plans prepared 3 story and basement, rein.-con. and brick science hall. $200,000.

Kan., Manhattan — DORMITORY—State Bd. Administration, Topeka, T. J. O'Neil, bus. mgr., takes bids about Sept. 1, Girls Dormitory, 3 story and part basement, 85 x 169 ft., rein.-con., brick and stone, here. C. A. Cuthbert, State Bldg., Topeka, archt. Noted March 5.

Kan., Pittsburg — LIBRARY — State Bd. Administration, Topeka, T. J. O'Neil, bus. mgr., takes bids about Sept. 25, 3 story, 100 x 150 ft., concrete, brick, stone and steel library, here. $150,000. C. D. Cuthbert, State Bldg., Topeka, archt. Noted May 21.

Kan., Topeka — SCHOOLS — Election about Oct. 1, $2,000,000 bonds for school buildings and repairs, etc. M. C. Holman, secy. Bd. Educ.

Mo., St. Joseph—SCHOOLS—Bd. Educ., 1306 Fred Ave., having plans prepared and soon takes bids repairs and additions to Central High, Whittier, Blair, Floyd, Hosier, Douglas, Green Valley Schools. $300,000. B. M. Casteel, c/o owner, ch. engr. Noted July 9.

Mo., St. Louis—EXCHANGE—Southwestern Bell Telephone Co., Bway and Locust St., having preliminary plans prepared 2 story and basement, rein.-con., brick and steel, here. $250,000. Private plans.

Ark., Fayetteville — COLLEGE — University of Arkansas takes bids probably in November, two 3 story, rein.-con., brick and stone college buildings. $650,000. Jamieson & Spearl, Arcade Bldg., St. Louis, Mo., archts. Noted June 11.

Tex., Abilene—HIGH SCHOOL—Voted $160,000 bonds, new rein.-con., brick, stone and tile high school, plain foundation. Noted July 23.

Tex., Dallas — HIGH SCHOOL — Bd. Educ., C. M. Moore, secy., having preliminary plans prepared by Dewitt & Lemmon, 507 Southwest Life Bldg., rein.-con., brick and stone, Akard and Royal Sts. $1,000,000.

Tex., San Antonio — HIGH SCHOOL — City takes bids about Sept. 1, 1 story, rein.-con. and brick, plain foundation, Yorkshire and Berkshire Aves. $250,000. Phelps DeWees, Gunter Bldg., archts. A. B. and R. Ayres, Bedell Bldg., associated archts. Noted July 30.

Okla., Tulsa—HIGH SCHOOL—Bd. Educ. having plans prepared by Leland I. Shummay, 725 New Nelson Bldg., 3 story and basement, 135 x 215 ft., rein.-con. and brick, Hollywood Jr. High School, Owen Park. $350,000. Gulham, Cook and White, 409 Interstate Bldg., Kansas City, Mo., engrs. Noted July 2.

Calif., Los Angeles—HIGH SCHOOL—Bd. Educ., having plans prepared by A. C. Martin, 227 Higgins Bldg., 3 story, 121 x 161 ft., Polytechnic high school, at 327 West 20th St. $180,000.

Calif., Oakland—HIGH SCHOOL—Having plans prepared by Wythe, Blain, & Olsen, 1800 Telegraph Ave., Frick Junior High School, 3 story and basement, concrete and brick, $400,000. Noted July 9.

Calif., Santa Barbara—SCHOOL — Bd. Educ. having plans prepared by E. L. Mayberry, 122 East 7th St., Los Angeles, Wilson School, hollow tile and concrete, to replace one destroyed by earthquake. $150,000 to $200,000.

Calif., Van Nuys—HIGH SCHOOL—Los Angeles Bd. Educ., soon takes bids 3 story, 75 x 225 ft. domestic science building, 1 story, 72 x 223 ft. manual arts building, and 1 story 30 x 40 ft. boiler room, here. $160,000. O. H. Neher, 1110 Insurance Exch. Bldg., Los Angeles, archt.

Ont., London—COLLEGIATE—Bd. Educ., S. F. Lawrason, chn., soon takes bids 2 story and basement, 90 x 185 ft., brick, East London St. $300,000. L. E. Carrothers, Bd. Educ. Bldg., archt.

Ont., Toronto—COLLEGE—Havergal College, 345 Jarvis St., having plans prepared by Chapman & Oxley, Northern Ontario Bldg., 3 story and basement, brick, concrete, steel and stone, Glenview Ave. $250,000.

Ont., Windsor — SCHOOL — Separate School Bd., c/o W. Gourd, secy., 616 Pierre Ave., will receive plans until Sept. 1 for 12 room rein.-con. brick and steel, plain foundation, Barnwell Ave. $175,000-$250,000.

Que., Chicoutimi — CONVENT — R. R. Fathers Jesuits, plans 3 story convent here. $150,000. Architect and engineer withheld.

BIDS DESIRED

Mass., New Bedford—HIGH SCHOOL—Sept. 14, by City Building Dept., City Hall, Junior High School, brick and steel, Felton and Tarkiln Hill Rd. $700,000. Leary & Walker, 307 Times Bldg., archts. Noted Apr. 9.

Mass., Saugus—HIGH SCHOOL—Town, C. W. Hanson, chn. School Building Commission taking bids Junior High School, 2 story and basement, 76 x 95 ft., brick, Lincoln Ave. $150,000. R. H. Doane, 162 Newbury St., Boston, archt. Noted July 30.

N. J., Hammonton — HIGH SCHOOL — Sept. 3, by Bd. Educ., 2 story and basement, 109 x 132 ft., 67 x 114 ft., and 66 x 106 ft., rein.-con. and brick, high school, plain foundation. Leckey & Hettle, 5 Hudson Ave., Camden, archts. Noted Nov. 24.

Pa., Phila.—SENIOR HIGH SCHOOL—Sept. 8, by Bd. Educ., 19th and Chestnut Sts., 4 and 5 story and basement, 228 x 322 ft., rein.-con. and brick, plain foundation, 17th and Luzerne Sts. $2,000,000. Private plans.

Pa., Sharon—CHURCH—Sept. 1, by First Presbyterian Church, 2 story, brick, steel and concrete church. $250,000. Nicklas & Rodrick, 1227 Prospect Ave., Cleveland, O., archts. Noted Mar. 26.

Md., Baltimore—CHURCH and PARSONAGE—Sept. 1, by C. N. and N. Friz, archts., Lexington Bldg., 2 story 91 x 122 ft. stone, plain foundation. York Rd., for First and St. Stephens Reformed Church. $150,000. H. F. Doleman, 507 North Charles St., engr. Noted Apr. 9.

Md., Baltimore—SCHOOL, etc.—Sept. 9, by Bd. Awards, City Hall, 3 story and basement, 101 x 205 ft. school addition, and 1 story and basement, 100 x 180 ft. shop, Warren and Battery Aves. L. R. White, Hearst Tower, archt.

N. C., Clinton—HIGH SCHOOL—Sept. 7, by Bd. Educ. Sampson Co., for Piney Grove High School. $150,000. Linthicum & Linthicum, 117 West Martin St., Raleigh, archts.

N. C., Raleigh—SCHOOLS—Aug. 31, Bd. Educ. Wake Co., two brick classrooms and basement addition to Millbrook School; two brick classrooms and auditorium at Falls of Neuse School; brick farm shop and class room at Method; seven teacher community school and auditorium Lebulon; brick four teacher community school and auditorium at Wendell; 3 teacher community school at Panther Br.; two classroom addition at Fuquay Springs. J. M. Kennedy, Merchants Bank Bldg., Raleigh, archt.

Ind., Vincennes—SCHOOL—St. Vincent's Orphanage, taking bids 3 story and basement, rein.-con., brick and steel school, $400,000. Shopbell, Fowler & Tholl, Furniture Bldg., Evansville, archts.

Ill., Rockford—HIGH SCHOOL—Sept. 11, by Bd. Educ., W. Broquinier, supt. physical properties, Lincoln Junior High School 3 story and basement, 85 x 450 ft., concrete, brick and tile, plain foundation. $1,000,000. Peterson & Johnson, 496 Swedish-Amer. Bank Bldg., archts. Noted Aug. 20.

Wis., Holy Hill (Hubertus P. O.)—CHURCH—H. J. Gaul, archt., 228 East Superior St., Chicago, Ill., taking bids 2 story, brick and stone, plain foundation, here, for Carmelite Fathers, c/o C. Baumeister, pastor, R. I., Hubertus. $150,000. Noted Feb. 15.

Wis., Wausau—HIGH SCHOOL—Sept. 9 (extended date), by Bd. Educ., S. B. Tobey, supt. of schools, (1st unit) Central High School, 2 story and basement, tile, concrete and brick, plain foundation. To exceed $150,000. Oppenhamer & Obel, Bellin Bldg., Green Bay, archts.

Ark., Paris—CHURCH—See "Contracts Awarded."

Okla., Duncan—CHURCH—Sept. 3, by First Methodist Congregation and Hawk & Parr, archts., 2 story and basement, concrete, brick and stone church.

CONTRACTS AWARDED

Mass., Boston—CHAPEL—St. Elizabeths Hospital, 736 Cambridge St., Brighton, 1 story, 50 x 125 ft., rein.-con. brick and stucco memorial chapel, Cambridge St., here, to Walsh Bros., 150 Hampshire St., Cambridge. Archts. est. $150,000.

Mass., East Douglas—HIGH SCHOOL—Town, Superintendent Schools, 2 story and basement, 70 x 100 ft. with 43 x 83 ft. wing, brick and stone, plain foundation, to W. T. Germain, Milbury. Archts. est. $150,000. Noted Aug. 6.

Mass., Medford — SCHOOL — City, W. White, chn., School Building Com., 2 story and basement, 62 x 110 ft., brick school, Fulton Heights, to J. M. Hartwell, 46 Cornhill St., Boston. Archts. est. $150,000. Noted Aug. 6.

Mass., Worcester—SCHOOL—City, Pub. Building Dept., City Hall, 2 story and basement, 60 x 110 ft., brick and steel, Ward St., to C. T. Rocheford, 58 Front St. Archts. est. $150,000. Noted Aug. 13.

R. I., North Smithfield—SCHOOL—Town School Bd., 2 story and basement, brick, Great Rd., to E. & C. Constr. Co., 156 Jostram St., Providence. Archts. est. $150,000. Noted Aug. 6.

Conn., Windsor—SCHOOLS—Bd. Educ., C. B. Searle, chn., two schools, 6 and 8 rooms, brick and steel, 1 at Bloomfield Ave., and other Windsor Ave., to Eastern Eng. & Constr. Co., 945 Main St., Bridgeport. Archts. est. $150,000. Noted Aug. 20.

N. Y., Buffalo—SCHOOL and HOSPITAL—City, rein.-con. and brick, school and hospital, Ferry St., to R. E. Williams, Jackson Bldg., $163,456.

Pa., Phila.—LIBERAL ARTS — Sesqui Centennial International Exposition, W. F. Kendrick, mayor-pres., 1 story, 392 x 970 ft., rein.-con., steel and stucco, wood pile foundation, Broad St. and Packer Ave., to Austin Co., Jefferson Bldg., $850,000. Noted Aug. 20.

N. C., Charlotte—CHURCH—Dilworth Methodist Episcopal Church, new brick church, to J. A. Jones Constr. Co., Realty Bldg., $200,000.

La., Alexandria—HIGH SCHOOL—Rapides Parish School Bd., 3 story, rein.-con., brick and steel, to Caldwell Bros., 814 Howard Ave., New Orleans. $849,250. Noted July 22.

La., New Orleans — SCHOOL — Orleans Parish School Bd., Jackson School, 3 story, rein.-con. and brick, Camp, Terpsichore, Magazine, and Robin Sts., to J. A. Petty, Godchaux Bldg. $266,000. Noted July 30.

O., Cleveland Heights (Warrensville P. O.)—CHURCH—Church of the Cross, A. L. Marting, pastor, Seminary St., Boston, Mass., 1 story, brick, steel and concrete, Caledonia and Winsford Rds., to F. Crockett, 7407 Lawnview Ave., Cleveland. Archts. est. $150,000. Noted June 11.

O., New Philadelphia—HIGH SCHOOL—Bd. Educ 3 story and basement, 143 x 180 ft., rein.-con., brick and stone, to C. E. Heintzelman, New Philadelphia, $238,117 Noted July 30.

Ind., Indianapolis—CHURCH—Reformed Church, 4844 Winthrop Ave., 2 story and basement, 140 x 160 ft., brick and stone, Carrolton Ave., to J. Curry Constr. Co., Empire Bldg. Archts. est. $150,000.

Wis., Wausau—HIGH SCHOOL—Sept. 7, by Bd. Educ., S. B. Tobey, supt. of schools, 2 story and basement, brick, tile and concrete, unit of Central High School, plain foundation. To exceed $150,000. Oppenhamer & Obel, Bellin Bldg., Green Bay, archts.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway Ave., 2 story and basement, 86 x 163 ft., rein.-con., brick and steel, Bremenn Ave., to Corrick Bros., 507 Owen Bldg. Archts. est. $170,000. Noted July 30.

Ark., Paris — CHURCH — St. Joseph Roman Catholic Congregation, A. Bender, pastor, will build 1 story and part basement, rein.-con., brick and stone church, by

Buildings—Educational, Religious (Cont.)

day labor and sub-contracts. Ludewig & Dreisoerner, 3543 Humphrey St., St. Louis, Mo., archts.

Ont., Kingston — SCHOOL — Bd. Educ., general contract, 2 story and basement, concrete, brick and steel school, Rideau St., to H. W. Watts, Kingston. $106,700. Noted Apr. 9.

Federal Government Work

PROPOSED WORK

Ill., Effingham — Post Office — Public Building Com., c/o Post Office Dept., Wash., D. C., having preliminary plans prepared 2 story and basement, rein.-con., brick and stone post office, here.

Ill., Rantoul—Buildings, etc.—War Dept., Wash., D. C., appropriated $2,775,075 for permanent buildings, hangars, etc., at Chanute Field, here.

BIDS DESIRED

R. I., Providence—Dredging—Sept. 10, by U. S. Engineer Office, dredging in Connecticut River; adv. E. N.-R. Aug. 27.

N. Y., Staten Island—Mooring Chain, etc. —Sept. 9, by Supt. Lighthouses, 435 tons iron or cast steel mooring chain, 328 wrought iron chain swivels, approximately 22,800 lbs., 4 cast steel 5,000 lb. mushroom anchors, etc.

Pa., Pittsburgh—Alterations—Sept. 8, by U. S. Veterans Bureau, 791 Arlington Bldg., Wash., D. C., alterations to U. S. Veterans Regional Office 11, Republic Bldg., here.

D. C., Wash.—Filtration Plant—Sept. 22, by U. S. Engineer Office, 1068 Navy Dept. Bldg., filtration plant superstructures for Dist. of Columbia water supply project. Adv. E. N.-R., Aug. 27.

D. C., Wash.—Tender—Sept. 25 at office Commissioner Lighthouses, constructing stern wheel, steel, steam propelled, lighthouse tender Wakerobin for use on Mississippi River.

Va., Norfolk—Dredging—Sept. 4, by G. F. Blair, dist. director U. S. Shipping Bd. Emergency Fleet Corp., dredging at Norfolk Army Base.

Va., Norfolk—Suction Pipe—Sept. 4, by U. S. Engineer Office, suction and discharge pipes for U. S. Dredge "Cuttituck"; adv. E. N.-R. Aug. 27.

Ga., Savannah—Remodeling—Sept. 18, by J. A. Wetmore, acting Supervising Archt., Treas. Dept., Wash., D. C., remodeling at U. S. Marine Hospital, here.

Ala., Florence—Air Compressor—Sept. 24, by U. S. Engineer Office, furnishing and installing motor driven air compressors in power house and lock operator's house, Wilson Dam, Tennessee River.; adv. E. N.-R. Aug. 27.

La., New Orleans—Sept. 3, by U. S. Engineer Office, War Dept., Wash., D. C., 16,500 cu.yd. earthwork in Pontchartrain Levee Dist.

Mo., St. Louis—Barges—Sept. 21, by U. S. Engineer Office, 428 Customhouse, 6 steel barges; adv. E. N.-R. Aug. 27.

Tex., Comanche—Post Office—Sept. 25, by J. A. Wetmore acting Supervising Archt., Treas. Dept., Wash., D. C., 1 story, brick, tile and stone post office, here; adv. E. N.-R. Aug. 27.

Calif., Los Angeles—Dredging—Sept. 3, by U. S. Engineers Office, War Dept., Wash., D. C., dredging 1,330,000 cu.yd. in Los Angeles Harbor.

BIDS RECEIVED

Pa., Pottsville — Post Office — Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling and enlarging post office, here, from Devault & Deitrick, Canton, O., $17,500. Noted July 23.

Ala., Birmingham — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., extending mailing platform, at post office, here, from Deitz Concrete Constr. Co., Inc., Birmingham, $12,250. Noted July 30.

Miss., Vicksburg — Levees — Mississippi River Comn., June 29, approximately 350,000 cu.yd. levee work, from Roach, Denison & Rodgers, 62 South Front St., Memphis, Tenn., $0.494 per cu.yd.

La., New Orleans — Levee — U. S. Engineer Office, Aug. 14, 148,000 cu.yd. earthwork in Babin Levee, Atchafalaya Levee Dist., from Lower Coast Constr. Co., Godchaux Bldg., New Orleans, $16,280.

Ill., Maywood — Hospital — U. S. Veterans Hospital Bureau, 791 Arlington Bldg., Wash., D. C., Aug. 15, animal house and repair shop, here, from G. Griffiths Constr. Co., 705 Olive St., St. Louis, Mo., $23,990. Noted July 30.

CONTRACTS AWARDED

Mass., Boston—Dredging—U. S. Engineer Office, War Dept., Wash., D. C., dredging in Broad Sound, here, to E. Breyman, 172 Condor St., East Boston, $402,306. Noted Aug. 20.

N. Y., Brooklyn—Paving—Spec. 5146—Bureau Yards & Docks, Navy Dept., Wash., D. C., concrete curbing and paving at Naval Hospital, here, to Fleming & Sheppard Co., Inc., 116 Broad St., New York City, $6,420 (45 days).

Md., Baltimore — Dredging — U. S. Engineer Office, Wash., D. C., dredging in Craighill Channel, Baltimore Harbor, here, to Columbia Dredging Corp., 30 Church St., New York City, $216,000. Noted July 9.

Va., Norfolk—Fire Main—Spec. 5126—Bureau Yards & Docks, Navy Dept., Wash., D. C., salt water fire main, here, to Oscie Dashiell & Son, 507 South St., Portsmouth, (1) $12,507 (90 days) (2) $415. Noted July 30.

Tenn., Memphis—Levee—U. S. Engineer Office, War Dept., Wash., D. C., levee work in White River Levee Dist. to Jones & Rodgers, 62 South Front St., $11,000.

Oregon—Road—C. H. Purcell, dist. engr. Bureau Pub. Rds., Post Office Bldg., Portland, grading, etc. 7.16 mi. John Day Highway, to Jetley Bros., Burns, $68,049. Noted Aug. 6.

FEDERAL POWER COMMISSION

Applications for Licenses and Permits.

Applications

625 — Jo. Reymolds Mining, Milling, Drainage, Tunnel & Transportation Co., Idaho Springs, Colo.—Wants license for 112 hp. development in Clear Creek, between Dumont and Lawson, Clear Creek Co.

626—N. J. Norman, St. George, Ga.—Wants preliminary permit 11 ft. dam, 2 mi. below Georgia, Southern and Florida railroad bridges, in St. Mary's River, Charlton, Georgia and Nassau Counties, Fla.

627—A. Johnson, Lakeside, Ariz.—Wants preliminary permit 15 ft. diversion dam, 1 mi. west Hess Creek, tributary of Salt River, Gila Co.

628—Central Missouri Power & Water Co., Interstate Bldg., 13 and Locust Sts., Kansas City, Mo.—Wants preliminary permit 2 dams, 64 and 140 ft. high, in Current River, Shannon and Carter Counties.

629—California—Oregon Power Co., San Francisco, Calif.—Wants license 3⅓ mi. transmission line in Klamath Co., Ore.

630 — I. M. Butts, Eagle, Colo. — Wants license small power development, in Holy Cross Reservation.

631—H. G. Kumle and C. R. Kassabaum, La Grange, Calif.—Wants license 4 mi. transmission line in Yuba Co. Tahoe Natl. Forest.

Unclassified

PROPOSED WORK

Bulkhead, etc. — Nantucket, Mass. — See "Excavation, Drainage, Irrigation, Levees."

Transmission Lines — New York — Iroquois Gas Corp., Iroquois Bldg., Buffalo, plans transmission lines for carrying natural gas from producing natural gas wells in Wales and Holland to main distribution system. To exceed $50,000.

Electric Light Standards—Lackawanna, N. Y.—Soon takes bids electric light standards for Roland, Kirby and Gates Aves. $25,000. H. Lohr, City Hall, mayor.

Hydro-Electric Development—North Carolina and Virginia—Stone & Webster, J. H. Manning, genl. mgr. Eng. Div., c/o Virginia Ry. & Power Co., 7th and Franklin Sts., Richmond, Va., making preliminary surveys large power development linking power of James and Appomattox Rivers at Roanoke Rapids, N. C., and Petersburg, Va. $12,000,000.

Underpass—Atlanta, Ga.—Plans Bell St. underpass connecting south side with Decatur St., to replace wooden bridge. $125,000. W. A. Sims, mayor.

Sea Wall—Pascagoula, Miss.—Jackson Co. making preliminary plans 6.5 mi. rein.-con. seawall. $2,000,000.

Swimming Pool—Pass Christian, Miss.—See "Buildings—Commercial."

Gas Distribution System—Alexandria, La. —Election Aug. 27, $25,000 bonds, constructing gas distribution system.

Power Line Extension — Akron, O. — Northern Ohio Traction & Light Co., North Main St., plans extending power line to serve towns of Copley, Richfield, Aurora and Highland Springs. $100,000. A. C. Blinn, genl. mgr.

Land Development — Texas — C. F. C. Ladd, 515 Republic Bldg., Kansas City, Mo., purchased 100,000 acres land in Winter Garden Dists., in Webb and Dimmit Counties, to be known as Catarina, and having surveys made for canning factories, streets, waterworks, sewer systems, etc. $6,000,000. Private plans.

Gas Pipe Line—Texas—Seagraves & Moody Gas Co., Galveston, plans extending 70 mi. gas pipe line from Cole Gas field in Webb Co. to San Antonio pipe line in McMullen Co. $2,000,000. Work will probably be done by day labor. Private plans.

Power System — Fordwich, Ont. — Twp. Council plans to equip electric lighting and power system. C. E. Walker, Gorrie, clk.

BIDS DESIRED

Car Barn—Waterbury, Conn.—Aug. 31, by Connecticut Co., West Main St., 1 story, 205 x 367 ft., rein.-con., brick and steel, plain foundation, West Main St. $450,000. R. W. Foote, 285 Church St., New Haven, archt.

Breakwater—Bronxville, N. Y.—Sept. 8 (extended date), by Westchester Co. Park Comn., 72 West Pondfield Rd., excavating, grading and constructing breakwater at Glen Islands Park. J. Downer, ch. engr.; adv. E. N.-R. Aug. 27.

Subway—New York, N. Y.—Sept. 8, by Bd. Transportation, 49 Lafayette St., for Route 192 along 8th Ave. and Central Park W. from 58th to 68th Sts.

Fire Alarm System—New York—Sept. 1, by T. J. Drennan, fire comr., Municipal Bldg., New York City, portion of underground fire alarm system, in Long Island City and Astoria.

Wharves, Canada — Sept. 9, by S. E. O'Brien, secy., Dept. Pub. Wks., Ottawa, Ont., for wharf and approach at Honey Harbor, Muskoka Dist. $11,800; pilework wharf at Wolfville, Kings Co. N. S., $8,000; and wharf extensions at Malagash, Cumberland Co., N. S., $8,000.

BIDS RECEIVED

Jetty, etc.—Barnegat City, N. J.—State Bd. Commerce & Navigation, Trenton, Aug. 17, breakwater Jetty, in Barnegat Inlet, Ocean Co., here, from L. Seiling, Broad St., Red Bank, $47,324; and timber jetty, from Wooley & Howland, 99 Atlantic Ave., Long Branch, $14,455. Noted July 30.

CONTRACTS AWARDED

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., tracks for Westchester Ave. Yard, to Slattery Eng. & Contg. Co., 10th Ave. and 43rd St., $113,881; alterations to railroad structure, Route 5, Sect. 8, Agreement "DY," to Pattelli & Wilson, $14,400. Noted July 30.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., constructing Sect. 5, Route 78, under St. Nicholas Ave., to Rodgers & Hagerty, Inc., 583 Broome St., $4,300,000. Noted Aug. 6.

Subway—Phila., Pa.—H. E. Ehlers, dir. Dept. City Transit, 1211 Chestnut St., 6,303 ft. subway in Broad St. north of Courtland St., Contr. 107-A, and 1,749 ft. in Broad St. north of Chew Ave., Contr. 107-B, to Patrick McGovern, Inc., 50 East 42d Street, New York City, $11,498,032. Noted July 16.

Grand Stand, etc.—Birmingham, Ala.—Alabama State Fair Corp., 105 x 425 ft., rein.-con. grand stand, 10,250 seating capacity and cattle barns, to Holly & Davis, Ensley, approximately $190,000.

Stadium—Baton Rouge, La.—University of Louisiana, 3 additional units to concrete stadium, to Connor, Bryant & Bell, North Blvd., Baton Rouge, $29,500.

Subway—Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, subway on Route 11, Sect. 29-S, St. Clair Co., to Moore Bros. Constr. Co., East St. Louis, $24,792.

Culverts—Boone, Ia.—See "Streets and Roads."

Stadium—Lawrence, Kan.—University of Kansas, two 97½ x 99½ ft. additions, 2,500 seating capacity each, incl. dressing rooms, etc., to Senna Constr. Co., 1017 Kansas Ave., Topeka, $68,868. Noted Aug. 20.

Pipe Line—Oklahoma—Amer. Pipe Line Co., Bartlesville, 25 mi. 12 in. welded pipe line, etc., in Elk and Wilson Counties, to Connor & Son Constr. Co., 814 New York Life Bldg., Kansas City Mo. Engrs. ets. $500,000.

Culverts — Ontario — See "Streets and Roads."

Materials

BIDS DESIRED

Paving Blocks—Brooklyn, N. Y.—Sept. 2, by J. A. Guider, boro pres., Boro Hall, 75,000 Grade 1, standard 5 in. granite paving blocks.

Cement, etc.—New York, N. Y.—Sept. 3, by J. Miller, pres., Manhattan Boro, Municipal Bldg., 20,000 bags Portland Cement, 500 tons asphaltic joint filler, and 1,200 cu.yd. sand grit.

Granite — Montreal, Que. — Aug. 28, by Chairman Executive Com., City Hall, 25,000 to 125,000 granite for curbstone. H. A. Tetranet, City Hall, engr.

CONTRACTS AWARDED

Granite Paving Blocks—Boston, Mass.—Supply Dept., City Hall, 1,000,000 new granite paving blocks, to Pease Co., Nashua, N. H., $122.52 per M. Noted June 18.

Cast Iron Pipe—Dallas, Tex.—City, 200 tons c.i. pipe, to Natl. C. I. Pipe Co., Santa Fe Bldg., Dallas, $54 per ton.

SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE

E.N.-R.

OFFICIAL PROPOSALS

Bids: Sept. 22

Gas and Water Pipe

Tallahassee, Fla.

Sealed proposals will be received by the City Auditor and Clerk of the City of Tallahassee until twelve o'clock noon of September 22, 1925, for the following pipe and fittings:

10,800 ft. of six-in. pipe (6-in.).
6,400 ft. of three-in. pipe (3-in.).
4,500-ft. of two-in. pipe (2-in.).
18 Crosses 6 x 6 x 6 x 6.
36 6-in. plugs.
21 Tees 6 x 6 x 6.
1 "Y" 6 x 6 x 6.
1 Tee 4 x 4 x 6.
2 Crosses 6 x 6 x 4 x 4.
1 Cross 4 x 4 x 4 x 4.
1 Reducer 6 x 4.
4 Three-in. Tees.
5 Three-in. Crosses.
1 Two-in. Cross.
4 Three-in. Valves.
2 Two-in. Valves.
11 Six-in. Gate Valves.
20 Six-in. Hydrants with steamer connections.

SPECIFICATIONS

Six-in. pipe to be Cast Iron; Universal or prepared joint, price per foot.

Two and three-in. pipe to be Cast Iron; plain ends suited for bronze welding. Prices are asked on this pipe per foot in the trench and tested to eighty pound pressure, the City to dig the trench and do the backfilling.

The six-in. fittings are to be the same material and joints as the pipe. State make of valves and hydrants.

The two and three-in. fittings are to be the same material as the joints and the pipe. Quantities are for estimated purposes.

Valves and hydrants may be submitted on separate bids.

The City reserves the right to reject any and all bids and award the contract as it may deem the best interest of the City.

Proposals will be marked "Sealed Proposals for Gas and Water Pipe."

By order of the City Commission, 18th day of August, 1925.

B. H. BRIDGES,
Auditor and Clerk.
WM. R. GALT,
City Manager.

Bids: Sept. 8

Construction of Garbage Incinerator

Lakeland, Fla.

Sealed proposals will be received by the City of Lakeland, Florida, until 8:00 p. m., September 8, 1925, for constructing garbage incinerator of guaranteed capacity of 20 tons in 10 hours.

Blank forms of proposal and specifications will be furnished prospective bidders. Plans for the same will be furnished by the bidder for his particular type of furnace.

Certified check for $5,000.00 is required with each bid and bond for the contract price will be required of the successful bidder, such bond to be a bond with reputable and responsible surety company as surety, written through their resident agent, and who has been their resident agent in the city of Lakeland for six months.

The city reserves the right to reject any and all bids.

CHARLES CARROLL BROWN,
City Engineer.

J. L. DAVIS,
City Clerk and Auditor.
ANTON SCHNEIDER,
City Manager.

OFFICIAL PROPOSALS

Bids: Sept. 10.

Roads and Bridges

VIRGINIA STATE HIGHWAY COMMISSION

Richmond, Va., August 20, 1925.

Sealed bids will be received at the Office of the State Highway Commission, State Office Bldg., Capitol Square, Richmond, Va.; until 10:00 A.M., Thursday, September 10th, 1925, for construction of:

Route Number	341	17	21
Project Number	F-316	S-391	F-408
County	Accomac	Bath	Page
Length in Miles	2.58	1.318	3.672
Type	Concrete	Grading	Bit. Macadam
Contractors will be shown over the work:	9 A.M., Sept. 1st, Accomac Hotel in Accomac, Va.	2:15 P.M., Sept. 3rd, C. & O. R. R. Sta., Goshen.	10 A.M., Sept. 2nd, Mansion Inn, Luray, Va.
ITEMS & APPROX. UNIT QUANTITIES			
Acres, Clear & Grubbing	0.34	2.27	0.08
Cu.Yds. Excavation	3,847	24,733	17,276
Cu.Yds. Borrow Excav.	1,662		860
Lin.Ft. Pipe	530	112.5	730
Cu.Yds. "A" Concrete		63.65	19.90
Cu.Yds. "B" Concrete	22.54	115.84	26.54
Lbs. reinforcing steel		4,765	1,162
Lin.Ft. Gd. Rail		3,584	3,072
Right of Way Monuments	32	32	82
Sq.Yds. Concrete Pavement	27,235		
Sq.Yds. Bit. Macadam			39,266
Cu.Yds. Rip Rap			30
BRIDGES OVER 20' SPAN			
Cu.Yds. "A" Concrete		269.4	51.8
Cu.Yds. "B" Concrete		48.3	165.6
Lbs. reinforcing steel		21,055	10,315
Local District Offices	Suffolk	Staunton	Staunton
Shipping Point	Parksley	Hotchkiss,	Luray
Railroad	N. Y. P. & N.	C. & O. spur line	N. & W.

Proposal guaranty to be certified check to the amount of $1,000.00. Plans and specifications are on file at Richmond Office, Richmond, Va., and at the local District Offices. Road plans for bidders may be obtained from Richmond Office upon receipt of $5.00 payable to H. G. Shirley, $2.50 of which will be refunded if plans are returned in good condition within two weeks after bids are opened. The State Highway Commission reserves the right to reject any or all bids.

(NOTE: Bridge plans included in the road plans.)

Bids: Sept. 16

Concrete Bridge, Etc.

Providence, R. I.

Sealed proposals for building the Hartford Pike Bridge; a reinforced concrete structure of three 13-foot spans, for replacing the wooden flashboards on top of the Regulating Dam with a concrete culvert and appurtenant work at the outlet of Harrisdale Pond, will be received at the office of the Water Supply Board, City Hall, Providence, R. I., until 2:30 p.m. Daylight Saving Time (1:30 p.m. Eastern Standard Time) on Wednesday, September 16, 1925, at which time and place they will be publicly opened and read.

The work is located at or near the village of North Scituate, R. I., about 11 miles west of Providence. The following are some of the principal estimated quantities: Earth Excavation, 1,500 cu.yds.; Refill and Embankment, 1,500 cu.yds.; Concrete, 435 cu.yds.; Reinforcing Steel, 10,000 lbs. Copies of the drawings and pamphlets containing information for bidders, form of proposal, contract, bond and specifications may be obtained from the Secretary of the Board, City Hall, or from the Chief Engineer, 661 Westminster St., Providence, R. I.

City of Providence, Water Supply Board.
B. THOMAS POTTER, Chairman.
FRANK E. WINSOR, Chief Engineer.
SAMUEL N. GRAMMONT, Secretary.

Bids: Sept. 3.

Power House Instruments

Thiells, N. Y.

Sealed proposals for Power House Instruments, Letchworth Village, Thiells, N. Y., will be received by Hon. Frank R. Utter, Superintendent of Purchase, Capitol, Albany, N. Y., until 2 o'clock p.m. (Eastern Standard Time), on Thursday, September 3, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into the contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York or money equal to 5% of the amount of proposal. The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty days after official notice of award of contract and in accordance with the terms of Specification No. 4096. The right is reserved to reject any or all bids. Drawings and specifications may be examined at Letchworth Village, Thiells, N. Y., at the New York Office of the Department of Architecture, 18th Floor, Fuller Building, Broadway & 23rd St., and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained by persons or firms engaged in the line of work required at the discretion of the Architect from the Department of Architecture, Capitol, Albany, N. Y.

Dated: August 10, 1925.